

Oocap SAS • 5 Avenue de l'Europe, Saint-Cannat 13760, France • +33 (0)9 77 19 84 44

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www.getnanomaterials.com • [contact \(at\) getnanomaterials.com](mailto:contact@getnanomaterials.com)

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Ag: Silver Materials

Ag-10x series

Ag-100	silver nanoparticles 99.99 % 20 nm, nanopowder
Ag-100-PVP	silver nanoparticles 99.99 % 20 nm pvp-coated, nanopowder
Ag-100-OLA	silver nanoparticles 99.99 % 20 nm oleic-acid-coated, nanopowder
Ag-101	silver nanoparticles 99.99 % 30-50 nm, nanopowder
Ag-101-PVP	silver nanoparticles 99.99 % 30-50 nm pvp-coated, nanopowder
Ag-101-OLA	silver nanoparticles 99.99 % 30-50 nm oleic-acid-coated, nanopowder
Ag-102	silver nanoparticles 99.99 % 50-80 nm, nanopowder
Ag-102-PVP	silver nanoparticles 99.99 % 50-80 nm pvp-coated, nanopowder
Ag-102-OLA	silver nanoparticles 99.99 % 50-80 nm oleic-acid-coated, nanopowder
Ag-103	silver nanoparticles 99.99 % 100 nm, nanopowder
Ag-103-PVP	silver nanoparticles 99.99 % 100 nm pvp-coated, nanopowder
Ag-103-OLA	silver nanoparticles 99.99 % 100 nm oleic-acid-coated, nanopowder
Ag-104	silver microparticles 99.99 % 1-2 um spherical, micropowder
Ag-105	silver microparticles 99.99 % 3-8 um spherical, micropowder
Ag-106	silver microparticles 99.99 % 4-10 um spherical, micropowder
Ag-107	silver microparticles 99.99 % 15 um spherical, micropowder
Ag-108	silver microparticles 99.99 % 400-600 nm, micropowder
Ag-109	silver microparticles 99.99 % 1 um, micropowder

Ag-11x series

Ag-110	silver nanowires 99.99 % D 100 nm L 10 um w/ water, nanopaste
Ag-111	silver nanowires 99.99 % D 50 nm L 10 um w/ water, nanopaste

Ag-112	silver nanowires 99.99 % D 50 nm L 20 um w/ water, nanopaste
<u>Ag-12x series</u>	
Ag-120	silver nanoparticles 99.9 % 10-20 nm pvp coated, nanopowder
<u>Ag-13x series</u>	
Ag-130	silver nanoparticles 99.9 % 10 nm, nanopowder
Ag-131	silver microparticles 99.9 % 25 um flakes, micropowder
Ag-132	silver microparticles 99.9 % 10 um flakes, micropowder
<u>Ag-14x series</u>	
Ag-140	silver nanoparticles 99.99 % 20 nm w/ water, nanopaste
Ag-141	silver nanoparticles 99.99 % 30-50 nm w/water, nanopaste
Ag-142	silver nanoparticles 99.99 % 50-80 nm w/ water, nanopaste
Ag-143	silver nanoparticles 99.99 % 100 nm w/ water, nanopaste
Ag-144	silver microparticles 99.99 % 1-3 um flakes, micropowder
Ag-145	silver microparticles 99.99 % 3-5 um flakes, micropowder
Ag-146	silver microparticles 99.99 % 5-10 um flakes, micropowder
Ag-147	silver microparticles 99.99 % 10-15 um flakes, micropowder
<u>Ag-20x series</u>	
Ag-200	silver nanoparticles 99.99 % 5 nm 1000 ppm in water, nanodispersion
Ag-201	silver nanoparticles 99.99 % 5 nm 10000 ppm in water, nanodispersion
Ag-202	silver nanoparticles 99.99 % 10 nm 1000 ppm in water, nanodispersion
Ag-203	silver nanoparticles 99.99 % 10 nm 10000 ppm in water, nanodispersion
Ag-204	silver nanoparticles 99.99 % 2 nm transparent 2000 ppm in water, nanodispersion

Al: Aluminum Materials

<u>Al-10x series</u>	
Al-100	aluminum nanoparticles 99.9 % 40 nm, nanopowder
Al-101	aluminum nanoparticles 99.9 % 70 nm, nanopowder
Al-102	aluminum nanoparticles 99.9 % 100 nm, nanopowder
Al-103	aluminum microparticles 99.9 % 200 nm spherical, powder
Al-104	aluminum microparticles 99 % 1-3 um, micropowder
Al-105	aluminum microparticles 99 % 5 um spherical, micropowder
<u>Al-11x series</u>	
Al-110	aluminum microparticles 99 % 5 um spherical, micropowder
Al-111	aluminum microparticles 99.9 % 45 um flakes, micropowder
Al-112	aluminum microparticles 99.5 % 75-105 um spherical, micropowder
Al-113	aluminum nanoparticles 99.9 % 20 nm, nanopowder
<u>Al-40x series</u>	

Al-0137HW aluminum nanoparticles 99.9 % 70-80 nm, nanopowder

Al: Aluminum Alloy Materials

AA7075-10x series

Al-AA7075-100 aluminum alloy AA7075 microparticles 1-3 um, micropowder
Al-AA7075-101 aluminum alloy AA7075 microparticles 10 um, micropowder
Al-AA7075-102 aluminum alloy AA7075 microparticles 20 um, micropowder
Al-AA7075-103 aluminum alloy AA7075 microparticles 45 um, micropowder
Al-AA7075-104 aluminum alloy AA7075 microparticles 75 um, micropowder

Al(OH)3: Aluminum Hydroxide Materials

Al(OH)3-10x series

Al(OH)3-101 aluminum hydroxide nanoparticles 99.99 % 20 nm, nanopowder

Al(OH)3-11x series

Al(OH)3-110 aluminum hydroxide nanoparticles 99 % 20 nm hydrophilic, nanopowder

Al(OH)3-12x series

Al(OH)3-120 aluminum hydroxide microparticles 99.99 % 1 um, micropowder
Al(OH)3-121 aluminum hydroxide microparticles 99.99 % 10 um, micropowder

Al2O3: Alumina Materials

Al2O3-10x series

Al2O3-100 alumina microparticles 99.7 % 300 nm alpha, micropowder
Al2O3-101 alumina microparticles 99.7 % 500 nm alpha, micropowder
Al2O3-102 alumina nanoparticles 99.99 % 20-30 nm gamma, nanopowder
Al2O3-103 alumina microparticles 99.99 % 100-200 nm alpha, micropowder
Al2O3-104 alumina microparticles 99.99 % 500 nm alpha, micropowder
Al2O3-105 alumina microparticles 99.7 % 1 um alpha, micropowder

Al2O3-11x series

Al2O3-110 alumina nanoparticles 99.99 % 10-20 nm alpha, nanopowder
Al2O3-111 alumina nanoparticles 99.99 % 20-40 nm mixed alpha-theta, nanopowder
Al2O3-112 alumina nanoparticles 99.99 % 30-50 nm alpha, for insulating material additives, nanopowder
Al2O3-114 alumina microparticles 99.99 % 150 nm alpha, micropowder
Al2O3-115 alumina nanoparticles 99.99 % 15-25 nm gamma, nanopowder
Al2O3-116 alumina nanoparticles 99.99 % 10 nm gamma, nanopowder
Al2O3-117 alumina nanoparticles 99.99 % 15-25 nm gamma, nanopowder
Al2O3-118 alumina nanoparticles 99.99 % 30-50 nm gamma, nanopowder

Al2O3-119	alumina nanoparticles 99.99 % 50-100 nm alpha, nanopowder (fine polishing)
<u>Al2O3-12x series</u>	
Al2O3-120	alumina microparticles 99.99 % 100-200 nm alpha, micropowder (fine polishing)
Al2O3-121	alumina microparticles 99.99 % 200-300 nm alpha, micropowder (fine polishing)
Al2O3-122	alumina microparticles 99.5 % 1-2 um alpha, micropowder (fine polishing)
Al2O3-124	alumina nanoparticles 99.99 % 100 nm alpha, nanopowder
Al2O3-125	alumina microparticles 99.99 % 200-300 nm alpha, micropowder
Al2O3-126	alumina microparticles 99.99 % 300 nm alpha, micropowder
Al2O3-127	alumina microparticles 99.99 % 500 nm alpha, micropowder
Al2O3-128	alumina nanoparticles 99.99 % 10-20 nm alpha-gamma, nanopowder
Al2O3-129	alumina nanoparticles 99.99 % 30-50 nm alpha-gamma, nanopowder
<u>Al2O3-13x series</u>	
Al2O3-130	alumina nanoparticles 99.99 % 30 nm mixed alpha-gamma silane coupling agent treated hydrophobic, nanopowder
Al2O3-130-KH550	alumina nanoparticles 99.99 % 30 nm mixed alpha-gamma KH-550 treated, nanopowder
Al2O3-130-KH560	alumina nanoparticles 99.99 % 30 nm mixed alpha-gamma KH-560 treated, nanopowder
Al2O3-130-KH570	alumina nanoparticles 99.99 % 30 nm mixed alpha-gamma KH-570 treated, nanopowder
Al2O3-131	alumina microparticles 99.5 % 1-2 um spherical, micropowder
Al2O3-132	alumina nanoparticles 99.99 % 10-20 nm gamma, nanopowder
Al2O3-133	alumina nanoparticles 99.99 % 30 nm gamma, for li-ion positive pole materials, nanopowder
Al2O3-134	alumina microparticles 99.9 % 0.5-1.0 um alpha, micropowder
Al2O3-135	alumina microparticles 99.5 % 4-6 um irregular, micropowder
<u>Al2O3-14x series</u>	
Al2O3-140	alumina nanoparticles 99.9 % 30-50 nm alpha, nanopowder
Al2O3-141	alumina microparticles 99.99 % 150 nm alpha, micropowder
Al2O3-142	alumina microparticles 99 % 150-500 nm gamma hydrophilic, micropowder
Al2O3-143	alumina microparticles 99 % 150-500 nm alpha hydrophilic, micropowder
Al2O3-145	alumina nanoparticles 99.9 % 5-10 nm gamma hydrophilic, nanopowder
Al2O3-146	alumina microparticles 99.9 % 150-500 nm alpha hydrophilic, micropowder
Al2O3-147	alumina microparticles 98 % 150-500 nm alpha ester-treated, micropowder
<u>Al2O3-15x series</u>	
Al2O3-150	alumina nanoparticles 99.9 % 10 nm gamma hydrophilic, nanopowder
Al2O3-151	alumina microparticles 99.9 % 500 nm, micropowder
Al2O3-152	alumina microparticles 99.9 % 50-75 um spherical, micropowder
Al2O3-153	alumina nanoparticles 99.9 % 100 nm alpha hydrophilic, nanopowder
Al2O3-154	alumina nanoparticles 99.9 % 100 nm alpha aluminum ester treated oleophilic, nanopowder
Al2O3-155	alumina nanoparticles 99.9 % 100 nm gamma hydrophilic, nanopowder
Al2O3-156	alumina nanoparticles 99.9 % 30 nm gamma silane coupling agent treated oleophilic, nanopowder

Al2O3-157	alumina microparticles 99.9 % 5 um alpha, micropowder
Al2O3-158	alumina microparticles 99.9 % 150 um (100 mesh), micropowder
<u>Al2O3-16x series</u>	
Al2O3-160	alumina nanoparticles 99.99 % 30 nm alpha, nanopowder
Al2O3-161	alumina nanoparticles 99.99 % 100 nm alpha, nanopowder
Al2O3-162	alumina microparticles 99.99 % 500 nm alpha, micropowder
Al2O3-163	alumina microparticles 99.99 % 500 nm gamma, micropowder
Al2O3-164	alumina nanoparticles 99.99 % 50 nm gamma, nanopowder
<u>Al2O3-17x series</u>	
Al2O3-170	alumina microparticles 5N 99.999 % 0.2-5.0 um alpha, for sapphire crystal growth, micropowder
Al2O3-171	alumina pellets 5N 99.999 % 50-60 mm, for sapphire crystal growth, pellets
Al2O3-172	alumina beads 5N 99.999 % 1.5-3.5 mm, for sapphire crystal growth, beads
Al2O3-173	alumina crystals 5N 99.999 % columnar, for sapphire crystal growth, crystals
Al2O3-174	alumina crackles 5N 99.999 %, for sapphire crystal growth, crackles
<u>Al2O3-20x series</u>	
Al2O3-200	alumina nanoparticles 99.99 % 10-20 nm gamma 20 wt% in water, nanodispersion
Al2O3-201	alumina nanoparticles 99.99 % 20-40 nm gamma 20 wt% in water, nanodispersion
Al2O3-202-20WT	alumina nanoparticles 99.99 % 30-60 nm alpha-theta 20 wt% in water, nanodispersion
Al2O3-202-40WT	alumina nanoparticles 99.99 % 30-60 nm alpha-theta 40 wt% in water, nanoslurry
Al2O3-203	alumina microparticles 99.99 % 150-200 nm alpha 20 wt% in water, microslurry
<u>Al2O3-40x series</u>	
Al2O3-400	alumina microparticles 99 % 500 nm gamma, micropowder
Al2O3-401	alumina nanoparticles 99.99 % 10 nm gamma, nanopowder
<u>Al2O3-50x series</u>	
Al2O3-500	alumina nanoparticles 99.9 % 5-15 nm gamma 20 wt% in water, nanodispersion
Al2O3-501	alumina nanoparticles 30-60 nm alpha 20 wt% in water, nanodispersion
Al2O3-502	alumina nanoparticles 99.9 % 20-40 nm gamma 20 wt% in water, nanodispersion

AlN: Aluminum Nitride Materials

<u>AlN-10x series</u>	
AlN-100	aluminum nitride microparticles 99.5 % 100-200 nm, micropowder
AlN-101	aluminum nitride microparticles 99 % 1-2 um, micropowder
AlN-102	aluminum nitride microparticles 99 % 5-10 um, micropowder
AlN-103	aluminum nitride microparticles 99.9 % 1 um, micropowder

AlO(OH): Aluminum Oxide Hydroxide Materials

AlO(OH)-10x series

AlO(OH)-100 aluminum oxide hydroxide nanoparticles 99.99 % 50 nm, nanopowder

Au: Gold Materials

Au-10x series

Au-100 gold nanoparticles 99.95 % 20-30 nm, nanopowder
Au-101 gold nanoparticles 99.99 % 100 nm, nanopowder
Au-102 gold microparticles 99.99 % 1 um, powder
Au-103 gold microparticles 99.99 % 400-600 nm, powder
Au-104 gold nanoparticles 99.95 % 10-20 nm, nanopowder

Au-11x series

Au-110 gold nanoparticles 99.99 % 20 nm polymer coated, nanopowder

Au-12x series

Au-120 gold microparticles 99.99 % 500 nm spherical, powder
Au-120 gold nanoparticles 99.99 % 10-20 nm, nanopowder

B: Boron Materials

B-10x series

B-100 boron microparticles 99 % 100-200 nm amorphous, micropowder
B-101 boron microparticles 99 % 1-2 um amorphous, micropowder
B-102 boron microparticles 99 % 5-15 um amorphous, micropowder

B-11x series

B-110 boron microparticles 99.9 % 500 nm amorphous, micropowder
B-111 boron microparticles 99.9 % 1-3 um amorphous, micropowder
B-112 boron microparticles 99.9 % 5-15 um amorphous, micropowder

B2O3: Boron Oxide Materials

B2O3-10x series

B2O3-100 boron oxide 98 % 200 mesh, powder
B2O3-101 boron oxide microparticles 1 um, micropowder
B2O3-102 boron oxide microparticles 800 nm, micropowder
B2O3-103 boron oxide nanoparticles 99.9 % 80-100 nm, nanopowder

B4C: Boron Carbide Materials

B4C-10x series

B4C-100 boron carbide microparticles 99 % 100-200 nm, micropowder
B4C-101 boron carbide microparticles 99 % 500 nm, micropowder

B4C-102	boron carbide microparticles 99 % 1-3 um, micropowder
<u>B4C-11x series</u>	
B4C-110	boron carbide microparticles 99 % 300 nm dark gray, micropowder
B4C-111	boron carbide nanoparticles 99.9 % 50 nm, nanopowder
B4C-112	boron carbide microparticles 99.9 % 100-200 nm, micropowder
B4C-113	boron carbide microparticles 99.9 % 20-60 um, micropowder
B4C-114	boron carbide microparticles 99.9 % 500 nm, micropowder
B4C-115	boron carbide microparticles 325 mesh (44 um) fire-resistance-grade, micropowder
B4C-116	boron carbide microparticles 99.9 % 10 um, micropowder

BaSO4: Barium Sulfate Materials

BaSO4-10x series

BaSO4-100	barium sulfate 99 % 1250 mesh, powder
BaSO4-101	barium sulfate microparticles 99.9 % 1-5 um, micropowder
BaSO4-102	barium sulfate microparticles 99.9 % 10-15 um, micropowder

BaSO4-11x series

BaSO4-110	barium sulfate nanoparticles 99 % 40-50 nm natural hydrophilic, nanopowder
BaSO4-111	barium sulfate nanoparticles 99 % 40-50 nm organic stearate treated hydrophobic, nanopowder
BaSO4-112	barium sulfate microparticles 99 % 400-500 nm natural hydrophilic, micropowder
BaSO4-113	barium sulfate microparticles 99 % 400-500 nm organic stearate treated hydrophobic, micropowder

BaSrTiO3: Barium Strontium Titanate Materials

BaSrTiO3-10x series

BaSrTiO3-100	barium strontium titanate microparticles 99.9 % 300 nm, micropowder
BaSrTiO3-101	barium strontium titanate microparticles 99.9 % 500 nm, micropowder
BaSrTiO3-102	barium strontium titanate microparticles 99.9 % 1-3 um, micropowder
BaSrTiO3-103	barium strontium titanate microparticles 99.9 % 150 nm, micropowder

BaTiO3: Barium Titanate Materials

BaTiO3-10x series

BaTiO3-100	barium titanate nanoparticles 99.9 % 100 nm cubic, nanopowder
BaTiO3-101	barium titanate microparticles 99.9 % 500 nm cubic, micropowder
BaTiO3-102	barium titanate microparticles 99.9 % 300 nm cubic, micropowder
BaTiO3-103	barium titanate microparticles 99.9 % 200 nm cubic, micropowder
BaTiO3-104	barium titanate microparticles 99.9 % 400 nm cubic, micropowder
BaTiO3-105	barium titanate microparticles 99.9 % 300-400 nm tetragonal, micropowder

BaTiO₃-11x series

BaTiO ₃ -110	barium titanate microparticles 99.9 % 500 nm tetragonal, micropowder
BaTiO ₃ -111	barium titanate microparticles 99.9 % 300 nm tetragonal, micropowder
BaTiO ₃ -112	barium titanate microparticles 99.9 % 200 nm tetragonal, micropowder
BaTiO ₃ -113	barium titanate microparticles 99.9 % 400 nm tetragonal, micropowder

Bi: Bismuth Materials

Bi-10x series

Bi-100	bismuth nanoparticles powder 99.9% 80-100 nm
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Bi₂O₃: Bismuth Oxide Materials

Bi₂O₃-10x series

Bi ₂ O ₃ -100	bismuth oxide nanoparticles 99.5 % 30-50 nm, nanopowder
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BN: Boron Nitride Materials

BN-10x series

BN-100	boron nitride nanoparticles 99.9 % 50 nm hexagonal, nanopowder
BN-101	boron nitride microparticles 99.9 % 120 nm, micropowder
BN-102	boron nitride microparticles 99.9 % 500 nm, micropowder
BN-103	boron nitride microparticles 99.9 % 1 um, micropowder
BN-104	boron nitride microparticles 99.9 % 25 um flakes, micropowder
BN-105	boron nitride microparticles 99.9 % 45 um flakes, micropowder

BN-11x series

BN-110	boron nitride microparticles 99 % 100-200 nm hexagonal flakes, micropowder
BN-111	boron nitride microparticles 99 % 800 nm hexagonal, micropowder
BN-112	boron nitride microparticles 99 % 1-2 um hexagonal, micropowder
BN-113	boron nitride microparticles 99 % 5-6 um hexagonal, micropowder

BN-12x series

BN-120	boron nitride nanoparticles 99 % 100 nm cubic, nanopowder
BN-121	boron nitride microparticles 99 % 500 nm cubic, micropowder
BN-122	boron nitride microparticles 99 % 1 um cubic, micropowder
BN-123	boron nitride microparticles 99 % 5 um cubic, micropowder
BN-124	boron nitride microparticles 99 % 10 um cubic, micropowder

C: Carbon Materials

C-10x series

C-100 carbon nanoparticles 99.9 % 20 nm, nanopowder

C: Carbon Nanofibers Materials

CNF-10x series

CNF-100 carbon nanofibers 70 % OD 200-600 nm L 5-50 um, powder

CNF-11x series

CNF-110 carbon nanofibers 70 % OD 200-600 nm L 5-50 um, powder

CNF-111 carbon nanofibers 95 % OD 50-200 nm L 1-15 um, powder

CNF-112 carbon nanofibers 99.9 % OD 50-200 nm L 1-15 um graphitized, powder

C: Diamond Materials

C(s,diamond)-10x series

C(s,diamond)-100 diamond nanoparticles 99 % 10 nm, nanopowder

C(s,diamond)-101 diamond nanoparticles 99.9 % 10 nm, nanopowder

C(s,diamond)-102 diamond nanoparticles 99 % 30-50 nm, nanopowder

C(s,diamond)-103 diamond nanoparticles 99 % 80-100 nm, nanopowder

C(s,diamond)-11x series

C(s,diamond)-110 diamond microparticles 99.9 % 0.25 um polycrystalline, micropowder

C(s,diamond)-111 diamond microparticles 99.9 % 0.5 um polycrystalline, micropowder

C(s,diamond)-112 diamond microparticles 99.9 % 1 um polycrystalline, micropowder

C(s,diamond)-113 diamond microparticles 99.9 % 0.25 um monocrystalline, micropowder

C(s,diamond)-114 diamond microparticles 99.9 % 0.5 um monocrystalline, micropowder

C(s,diamond)-115 diamond microparticles 99.9 % 1 um monocrystalline, micropowder

C(s,diamond)-116 diamond nanoparticles 99.9 % 0.25-1 um cubes, nanopowder

C(s,diamond)-117 diamond microparticles 99.9 % 1-100 um cubes, nanopowder

C: Graphene Materials

C(graphene)-10x series

C(graphene)-100 graphene 98 % 50 um T 1-3 nm layers < 3, high-purity, nanopowder

C(graphene)-101 graphene 98 % 60-120 nm layers < 10, plasma, high-electrical conductivity, nanopowder

C(graphene)-102 graphene 98 % 1-5 um layers < 3, high-electrical conductivity, micropowder

C(graphene)-103 graphene 98 % 8-15 um layers < 3, high-electrical conductivity, micropowder

C(graphene)-104 graphene 98 % > 50 um layers < 3, high-electrical conductivity, micropowder

C(graphene)-105 graphene 98 % 0.5-3.0 um T 0.5-3.8 nm layers < 10, nanopowder

C(graphene)-105-COOH graphene 98 % 0.5-3.0 um T 0.5-3.8 nm layers < 10, -COOH functionalized, nanopowder

C(graphene)-105-OH graphene 98 % 0.5-3.0 um T 0.5-3.8 nm layers < 10, -OH functionalized, nanopowder

C(graphene)-105-NH2	graphene 98 % 0.5-3.0 um T 0.5-3.8 nm layers < 10, NH2 functionalized, nanopowder
C(graphene)-106-N2	graphene 98 % 2-10 um T 1-3 nm layers < 3, nitrogen-doped, nanopowder
C(graphene)-107-IG	graphene 97 % < 6 um layers < 10, industrial-grade, micropowder

C: Graphene Nanoplatelets Materials

GNP-10x series

GNP-100	graphene nanoplatelets 99.5 % D 5-10 um T 4-20 nm layers < 20, nanopowder
GNP-101	graphene nanoplatelets 90 % D 2-16 um layers < 30 industrial-grade, nanopowder
GNP-102	graphene nanoplatelets 90 % D 2-13 um layers < 30 industrial-grade low-density, nanopowder (better for oily solvents)

GNP-20x series

GNP-200	graphite nanoplatelets 90 % D 2-16 um layers < 30 industrial-grade 5 wt% in water, nanopaste
GNP-201	graphite nanoplatelets 90 % D 2-16 um layers < 30 industrial grade 5 wt% in NMP, nanopaste

C: Graphene Oxide Materials

GO-10x series

GO-100	graphene oxide 99 % 0.5-3.0 um T 0.5-1.2 nm layers < 3, nanopowder
GO-101	graphene oxide 99 % 1-5 um layers 1-2, micropowder
GO-102	graphene oxide 98 % 8-15 um layers 1-2, micropowder
GO-103	graphene oxide 98 % 50 um layers 1-2, micropowder
GO-104	graphene oxide 97 % 3-10 um T 0.5-2.0 nm layers < 5, industrial-grade, nanopowder

GO-20x series

GO-200-pH12	graphene oxide 99 % S 0.5-3.0 um layers < 3 T 0.55-1.20 nm pH 1-2 1-3 wt% in water, nano gel
GO-200-pH34	graphene oxide 99 % S 0.5-3.0 um layers < 3 T 0.55-1.20 nm pH 3-4 1-3 wt% in water, nano gel
GO-201-pH12	graphene oxide 98 % S 1-5 um layers 1-2 pH 1-2 1-3 wt% in water, nano dispersion
GO-201-pH34	graphene oxide 98 % S 1-5 um layers 1-2 pH 3-4 1-3 wt% in water, nano dispersion
GO-202-pH12	graphene oxide 98 % S 8-15 um layers 1-2 pH 1-2 1-3 wt% in water, nano dispersion
GO-202-pH34	graphene oxide 98 % S 8-15 um layers 1-2 pH 3-4 1-3 wt% in water, nano dispersion
GO-203-pH12	graphene oxide 98 % S > 50 um layers 1-2 pH 1-2 1-3 wt% in water, nano dispersion
GO-203-pH34	graphene oxide 98 % S > 50 um layers 1-2 pH 3-4 1-3 wt% in water, nano dispersion

GO-IG-20x series

GO-IG-200	graphene oxide 97 % S 2-8 um T < 5 nm layers < 5 industrial-grade in water, nano dispersion
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GO-P-10x series

GO-P-100	graphene oxide paper D 8.5-9.5 cm T 2-4 um, piece
GO-P-101	graphene oxide paper D 8.5-9.5 cm T 8-12 um, piece

C: Graphite Materials

C(graphite)-40x series

C(graphite)-400

graphite microparticles 99.9 % 400 nm, micropowder

C: Multi Walled Carbon Nanotubes Materials

MWNT-10x series

MWNT-100 multi-walled carbon nanotubes 98 % OD 4-6 nm L 10-20 um purified, nanopowder
MWNT-101 multi-walled carbon nanotubes 98 % OD < 8 nm ID 2-5 nm L 10-30 um purified, nanopowder
MWNT-102 multi-walled carbon nanotubes 95 % OD 8-15 nm ID 3-5 nm L 50 um purified, nanopowder
MWNT-103 multi-walled carbon nanotubes 98 % OD 10-20 nm ID 5-10 nm L 10-30 um purified, nanopowder
MWNT-105 multi-walled carbon nanotubes 98 % OD 20-30 nm ID 5-10 nm L 10-30 um purified, nanopowder
MWNT-107 multi-walled carbon nanotubes 98 % OD 30-50 nm ID 5-12 nm L 10 um purified, nanopowder
MWNT-108 multi-walled carbon nanotubes 98 % OD 30-80 nm ID 5-15 nm L < 10 um purified, nanopowder

MWNT-S-10x series

MWNT-S-100 multi-walled carbon nanotubes 98 % OD 4-6 nm L 0.5-2.0 um purified short-length, nanopowder
MWNT-S-101 multi-walled carbon nanotubes 98 % OD 5-15 nm ID 2-5 nm L 0.5-2.0 um purified short-length, nanopowder
MWNT-S-102 multi-walled carbon nanotubes 95 % OD 8-15 nm ID 3-5 nm L 0.5-2.0 um purified short-length, nanopowder
MWNT-S-103 multi-walled carbon nanotubes 98 % OD 10-20 nm ID 5-10 nm L 0.5-2.0 um purified short-length, nanopowder
MWNT-S-105 multi-walled carbon nanotubes 98 % OD 20-30 nm ID 5-10 nm L 0.5-2.0 um purified short-length, nanopowder
MWNT-S-107 multi-walled carbon nanotubes 98 % OD 30-50 nm ID 5-12 nm L 0.5-2.0 um purified short-length, nanopowder
MWNT-S-108 multi-walled carbon nanotubes 98 % OD 30-80 nm ID 5-15 nm L 0.5-2.0 um purified short-length, nanopowder

MWNT-11x series

MWNT-113 multi-walled carbon nanotubes 90 % OD 10-20 nm ID 5-10 nm L < 30 um high electrical conductivity, nanopowder
MWNT-114 multi-walled carbon nanotubes 99 % OD 5-15 nm ID 2-5 nm L 10-30 um purified, nanopowder

MWNT-20x series

MWNT-202-U MWCNTs 95 % OD 8-15 nm ID 3-5 nm L 50 um purified 2 wt% in water, by ultrasonication, nanodispersion
MWNT-202-UC MWCNTs 95 % OD 8-15 nm ID 3-5 nm L 50 um purified 2 wt% in water, by ultrasonication-centrifugation, nanodispersion
MWNT-208-U MWCNTs 98 % OD 30-80 nm ID 5-15 nm L < 10 um purified 10 wt% in water, by ultrasonication, nanodispersion
MWNT-208-HC-U MWCNTs 98 % OD 30-80 nm ID 5-15 nm L < 10 um purified high-concentration 12-14 wt% in water, by ultrasonication, nanodispersion
MWNT-208-UC MWCNTs 98 % OD 30-80 nm ID 5-15 nm L < 10 um purified 10 wt% in water, by ultrasonication-centrifugation, nanodispersion

C: Multi Walled Carbon Nanotubes (Aligned) Materials

MWNT-A-10x series

MWNT-A-100 multi-walled carbon nanotubes 95 % OD 10-20 nm ID 5-10 nm L 30-100 um purified aligned, nanopowder

MWNT-A-11x series

MWNT-A-110 multi-walled carbon nanotubes 98 % OD 8-15 nm L 30-50 um aligned, nanopowder

MWNT-A-IG-10x series

MWNT-A-IG-100 multi-walled carbon nanotubes 85 % OD 10-20 nm L 10-20 um aligned industrial-grade, nanopowder

MWNT-VA-10x series

MWNT-VA-100-4C	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 4' disc, on copper substrate
MWNT-VA-100-4Q	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 4' disc, on quartz substrate
MWNT-VA-100-4S	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 4' disc, on single-crystal silicon substrate
MWNT-VA-100-2C	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 2' disc, on copper substrate
MWNT-VA-100-2Q	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 2' disc, on quartz substrate
MWNT-VA-100-2S	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 2' disc, on single-crystal silicon substrate
MWNT-VA-100-22C	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 2cmx2cm rectangle, on copper substrate
MWNT-VA-100-22Q	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 2cmx2cm rectangle, on quartz substrate
MWNT-VA-100-22S	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 2cmx2cm rectangle, on single-crystal silicon substrate
MWNT-VA-100-11C	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 1cmx1cm rectangle, on copper substrate
MWNT-VA-100-11Q	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 1cmx1cm rectangle, on quartz substrate
MWNT-VA-100-11S	MWCNTs 98 % D 3-10 nm H 50-1000 um Walls 3-7, vertically aligned arrays, 1cmx1cm rectangle, on single-crystal silicon substrate
MWNT-VA-101-22M1	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, single array, on metal
MWNT-VA-101-22PL1	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, single array, on plastic
MWNT-VA-101-22G1	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, single array, on glass
MWNT-VA-101-22C1	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, single array, on cloth
MWNT-VA-101-22PA1	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, single array, on paper
MWNT-VA-101-22DS1	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, single array, on double shift
MWNT-VA-101-22M2	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, double array, on metal
MWNT-VA-101-22PL2	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, double array, on plastic
MWNT-VA-101-22G2	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, double array, on glass
MWNT-VA-101-22C2	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, double array, on cloth
MWNT-VA-101-22PA2	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, double array, on paper
MWNT-VA-101-22DS2	MWCNTs 95 % H 50-1000 um, transfered arrays, 2cmx2cm rectangle, double array, on double shift
MWNT-VA-101-11M1	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, single array, on metal
MWNT-VA-101-11PL1	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, single array, on plastic
MWNT-VA-101-11G1	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, single array, on glass
MWNT-VA-101-11C1	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, single array, on cloth
MWNT-VA-101-11PA1	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, single array, on paper
MWNT-VA-101-11DS1	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, single array, on double shift
MWNT-VA-101-11M2	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, double array, on metal
MWNT-VA-101-11PL2	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, double array, on plastic
MWNT-VA-101-11G2	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, double array, on glass
MWNT-VA-101-11C2	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, double array, on cloth
MWNT-VA-101-11PA2	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, double array, on paper
MWNT-VA-101-11DS2	MWCNTs 95 % H 50-1000 um, transfered arrays, 1cmx1cm rectangle, double array, on double shift

C: Multi Walled Carbon Nanotubes (Coated) Materials

MWNT-Cu-10x series

MWNT-Cu-100 copper-coated multi-walled carbon nanotubes black powder Cu 30 wt% production cvd and copper plating

MWNT-Ni-10x series

MWNT-Ni-100 nickel-coated multi-walled carbon nanotubes black powder Ni 30 wt% production cvd and nickel plating

MWNT-Ni-101 nickel-coated multi-walled carbon nanotubes black powder Ni 60 wt% production cvd and nickel plating

MWNT-Ni-11x series

MWNT-Ni-110 nickel-coated multi-walled carbon nanotubes black powder OD 8-15 nm L 50 um Ni 60 wt% carbon nanotubes 38 wt%

MWNT-Ni-111 nickel-coated multi-walled carbon nanotubes black powder OD 10-20 nm ID 5-10 nm L 10-30 um Ni 60 wt% cnt 38 wt%

MWNT-Ni-112 nickel-coated multi-walled carbon nanotubes black powder OD 20-30 nm L 10-30 um Ni 60 wt% carbon nanotubes 38 wt%

MWNT-Ni-113 nickel-coated multi-walled carbon nanotubes black powder OD 30-50 nm L 10-30 um Ni 60 wt% carbon nanotubes 38 wt%

MWNT-Ni-114 nickel-coated multi-walled carbon nanotubes black powder OD min 50 nm L 10-20 um Ni 60 wt% carbon nanotubes 38 wt%

MWNT-Pd-10x series

MWNT-Pd-100 palladium-coated multi-walled carbon nanotubes black powder Pd 30 wt% production organic palladium reduction

C: Multi Walled Carbon Nanotubes (Doped) Materials

MWNT-N-10x series

MWNT-N-100 multi walled carbon nanotubes 98 % OD 30-80 nm ID 5-12 nm L 10-30 um purified nitrogen doped 2.5 wt%, powder

MWNT-N-40x series

MWNT-N-400 multi walled carbon nanotubes 95 % OD 30-50 nm ID 5-12 nm L 10-30 um nitrogen doped 3.0 wt%, powder

C: Multi Walled Carbon Nanotubes (Functionalized) Materials

MWNT-COOH-10x series

MWNT-COOH-100 MWCNTs 98 % OD 4-6 nm L 10-20 um purified -COOH functionalized, nanopowder

MWNT-COOH-101 MWCNTs 98 % OD < 8 nm ID 2-5 nm L 10-30 um purified -COOH functionalized, nanopowder

MWNT-COOH-102 MWCNTs 95 % OD 8-15 nm ID 3-5 nm L 50 um purified -COOH functionalized, nanopowder

MWNT-COOH-103 MWCNTs 98 % OD 10-20 nm ID 5-10 nm L 10-30 um purified -COOH functionalized, nanopowder

MWNT-COOH-105 MWCNTs 98 % OD 20-30 nm ID 5-10 nm L 10-30 um purified -COOH functionalized, nanopowder

MWNT-COOH-107 MWCNTs 98 % OD 30-50 nm ID 5-12 nm L 10 um purified -COOH functionalized, nanopowder

MWNT-COOH-108 MWCNTs 98 % OD 30-80 nm ID 5-15 nm L < 10 um purified -COOH functionalized, nanopowder

MWNT-S-COOH-10x series

MWNT-S-COOH-100 MWCNTs 98% OD 4-6 nm L 0.5-2.0 um purified short -COOH functionalized, powder

MWNT-S-COOH-101 MWCNTs 98% OD 8 nm ID 2-5 nm L 0.5-2.0 um purified short -COOH functionalized, powder

MWNT-S-COOH-102 MWCNTs 95% OD 8-15 nm ID 3-5 nm L 0.5-2.0 um purified short -COOH functionalized, powder

MWNT-S-COOH-103 MWCNTs 98% OD 10-20 nm ID 5-10 nm L 0.5-2.0 um purified short -COOH functionalized, powder

MWNT-S-COOH-105	MWCNTs 98% OD 20-30 nm ID 5-10 nm L 0.5-2.0 um purified short -COOH functionalized, powder
MWNT-S-COOH-107	MWCNTs 98% OD 30-50 nm ID 5-12 nm L 0.5-2.0 um purified short -COOH functionalized, powder
MWNT-S-COOH-108	MWCNTs 98% OD 50 nm ID 5-15 nm L 0.5-2.0 um purified short -COOH functionalized, powder
<u>MWNT-COOH-11x series</u>	
MWNT-COOH-113	MWCNTs 90 % OD 10-20 nm ID 5-10 nm L < 30 um -COOH functionalized high electrical conductivity, nanopowder
<u>MWNT-COOH-20x series</u>	
MWNT-COOH-202	MWCNTs 95 % OD 8-15 nm ID 3-5 nm L 50 um purified -COOH functionalized 2 wt% in water (non-ionic surfactant), nanodispersion
MWNT-COOH-202-P	MWCNTs 95 % OD 8-15 nm ID 3-5 nm L 50 um purified -COOH functionalized 2 wt% in water (dispersant), nanopaste
MWNT-COOH-208	MWCNTs 98 % OD 30-80 nm ID 5-15 nm L < 10 um purified -COOH functionalized 10 wt% in water (non-ionic surfactant), nanodispersion
MWNT-COOH-208-P	MWCNTs 98 % OD 30-80 nm ID 5-15 nm L < 10 um purified -COOH functionalized 10 wt% in water (dispersant), nanopaste
MWNT-COOH-208-PHC	MWCNTs 98 % OD 30-80 nm ID 5-15 nm L < 10 um purified -COOH functionalized high-concentration 12-14 wt% in water (dispersant), nanopaste
<u>MWNT-NH2-10x series</u>	
MWNT-NH2-100	MWCNTs 95 % OD 8-15 nm ID 3-5 nm L 50 um amino-modified, nanopowder
<u>MWNT-NH2-11x series</u>	
MWNT-NH2-110	MWCNTs 95 % OD 8-15 nm ID 3-5 nm L 50 um NH2-functionalized, nanopowder
<u>MWNT-OH-10x series</u>	
MWNT-OH-100	MWCNTs 98 % OD 4-6 nm L 10-20 um purified -OH-functionalized, nanopowder
MWNT-OH-101	MWCNTs 98 % OD 5-15 nm ID 2-5 nm L 10-30 um purified -OH-functionalized, nanopowder
MWNT-OH-102	MWCNTs 95 % OD 8-15 nm ID 3-5 nm L 50 um purified -OH-functionalized, nanopowder
MWNT-OH-103	MWCNTs 98 % OD 10-20 nm ID 5-10 nm L 10-30 um purified -OH-functionalized, nanopowder
MWNT-OH-105	MWCNTs 98 % OD 20-30 nm ID 5-10 nm L 10-30 um purified -OH-functionalized, nanopowder
MWNT-OH-107	MWCNTs 98 % OD 30-50 nm ID 5-12 nm L 10 um purified -OH-functionalized, nanopowder
MWNT-OH-108	MWCNTs 98 % OD 30-80 nm ID 5-15 nm L < 10 um purified -OH-functionalized, nanopowder
<u>MWNT-S-OH-10x series</u>	
MWNT-S-OH-100	MWCNTs 98% OD 4-6 nm L 0.5-2.0 um purified short -OH functionalized, powder
MWNT-S-OH-101	MWCNTs 98% OD 8 nm ID 2-5 nm L 0.5-2.0 um purified short -OH functionalized, powder
MWNT-S-OH-102	MWCNTs 95% OD 8-15 nm ID 3-5 nm L 0.5-2.0 um purified short -OH functionalized, powder
MWNT-S-OH-103	MWCNTs 98% OD 10-20 nm ID 5-10 nm L 0.5-2.0 um purified short -OH functionalized, powder
MWNT-S-OH-105	MWCNTs 98% OD 20-30 nm ID 5-10 nm L 0.5-2.0 um purified short -OH functionalized, powder
MWNT-S-OH-107	MWCNTs 98% OD 30-50 nm ID 5-12 nm L 0.5-2.0 um purified short -OH functionalized, powder
MWNT-S-OH-108	MWCNTs 98% OD 50 nm ID 5-15 nm L 0.5-2.0 um purified short -OH functionalized, powder
<u>MWNT-OH-11x series</u>	
MWNT-OH-111	MWCNTs 99 % OD 5-15 nm ID 2-5 nm L 10-30 um purified -OH-functionalized high-purity, nanopowder
MWNT-OH-113	MWCNTs 90 % OD 10-20 nm ID 5-10 nm L < 30 um -OH-functionalized high-electrical-conductivity, nanopowder

C: Multi Walled Carbon Nanotubes (Helical) Materials

MWNT-H-10x series

MWNT-H-100 multi-walled carbon nanotubes 90 % OD 100-200 nm L 1-10 um helical 60 wt%, powder

C: Multi Walled Carbon Nanotubes (Industrial-Grade) Materials

MWNT-IG-10x series

MWNT-IG-100 multi-walled carbon nanotubes 95 % OD 4-6 nm L 10-20 um industrial-grade, nanopowder
MWNT-IG-101 multi-walled carbon nanotubes 95 % OD 5-15 nm L 10-30 um industrial-grade, nanopowder
MWNT-IG-102 multi-walled carbon nanotubes 95 % OD 8-15 nm L 30-50 um ash < 3 wt% industrial-grade, nanopowder
MWNT-IG-103 multi-walled carbon nanotubes 95 % OD 8-15 nm L 30-50 um ash < 2 wt% industrial-grade, nanopowder
MWNT-IG-104 multi-walled carbon nanotubes 95 % OD 10-20 nm L 20-100 um industrial-grade, nanopowder
MWNT-IG-105 multi-walled carbon nanotubes 95 % OD 10-20 nm L 5-20 um industrial-grade, nanopowder
MWNT-IG-106 multi-walled carbon nanotubes 95 % OD 10-30 nm ID 5-10 nm L 10-30 um industrial-grade, nanopowder
MWNT-IG-107 multi-walled carbon nanotubes 95 % OD 20-40 nm ID 5-10 nm L 10-30 um industrial-grade, nanopowder
MWNT-IG-108 multi-walled carbon nanotubes 95 % OD 30-80 nm ID 5-15 nm L 10 um industrial-grade, nanopowder

MWNT-S-IG-10x series

MWNT-S-IG-100 multi-walled carbon nanotubes 95% OD 50 nm ID 5-15 nm L 1-5 um industrial grade short, powder

MWNT-COOH-IG-10x series

MWNT-COOH-IG-100 multi-walled carbon nanotubes 95 % OD 4-6 nm L 10-20 um COOH-functionalized industrial-grade, nanopowder
MWNT-COOH-IG-101 multi-walled carbon nanotubes 95 % OD 5-15 nm L 10-30 um COOH-functionalized industrial-grade, nanopowder
MWNT-COOH-IG-102 multi-walled carbon nanotubes 95 % OD 8-15 nm L 30-50 um COOH-functionalized industrial-grade, nanopowder
MWNT-COOH-IG-103 multi-walled carbon nanotubes 95 % OD 10-30 nm ID 5-10 nm L 10-30 um COOH-functionalized industrial-grade, nanopowder
MWNT-COOH-IG-104 multi-walled carbon nanotubes 95 % OD 20-40 nm ID 5-10 nm L 10-30 um COOH-functionalized industrial-grade, nanopowder
MWNT-COOH-IG-105 multi-walled carbon nanotubes 95 % OD 50 nm ID 5-15 nm L 10 um COOH-functionalized industrial-grade, nanopowder

MWNT-OH-IG-10x series

MWNT-OH-IG-100 multi-walled carbon nanotubes 95 % OD 10-30 nm ID 5-10 nm L 10-30 um OH-functionalized industrial-grade, nanopowder
MWNT-OH-IG-101 multi-walled carbon nanotubes 95 % OD 20-40 nm ID 5-10 nm L 10-30 um OH-functionalized industrial-grade, nanopowder
MWNT-OH-IG-102 multi-walled carbon nanotubes 95 % OD 50 nm ID 5-15 nm L 10 um OH-functionalized industrial-grade, nanopowder

C: Multi Walled Carbon Nanotubes (Large-Inner-Diameter) Materials

MWNT-LID-10x series

MWNT-LID-100 large inner diameter multi-walled carbon nanotubes 70% OD 30-60 nm ID 20-50 nm L 1-10 um, powder

C: Single Walled Carbon Nanotubes Materials

SWNT-10x series

SWNT-100 single-walled carbon nanotubes 90 % OD 1-2 nm L 5-30 um purified, nanopowder
SWNT-100-OH single-walled carbon nanotubes 90 % OD 1-2 nm L 5-30 um purified OH-functionalized, nanopowder
SWNT-100-COOH single-walled carbon nanotubes 90 % OD 1-2 nm L 5-30 um purified COOH functionalized, nanopowder

SWNT-100-S	single-walled carbon nanotubes 90 % OD 1-2 nm L 1-3 um purified short, nanopowder
SWNT-100-S-OH	single-walled carbon nanotubes 90 % OD 1-2 nm L 1-3 um purified short OH-functionalized, nanopowder
SWNT-100-S-COOH	single-walled carbon nanotubes 90 % OD 1-2 nm L 1-3 um purified short COOH-functionalized, nanopowder
<u>SWNT-20x series</u>	
SWNT-200	single-walled carbon nanotubes 91 % D 2-5 nm L 1-2 um 2 wt% in water, nanodispersion
SWNT-201	single-walled carbon nanotubes 91 % D 2-5 nm L 5-20 um 2 wt% in water, nanodispersion
SWNT-202	single-walled carbon nanotubes 95 % D 2-5 nm L 1-2 um 2 wt% in water, nanodispersion
SWNT-203	single-walled carbon nanotubes 95 % D 2-5 nm L 5-20 um 2 wt% in water, nanodispersion
SWNT-204	single-walled carbon nanotubes 99 % D 2-5 nm L 1-2 um 2 wt% in water, nanodispersion
SWNT-205	single-walled carbon nanotubes 99 % D 2-5 nm L 5-20 um 2 wt% in water, nanodispersion
<u>SWNT-21x series</u>	
SWNT-210-U	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high-purity 0.2 wt% in DI water, by ultrasonication, nanodispersion
SWNT-210-UC	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high-purity 0.2 wt% in DI water, by ultrasonication-centrifugation, nanodispersion
<u>SWNT-COOH-21x</u>	
SWNT-COOH-210	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high purity -COOH functionalized 0.2 wt% in water, nanodispersion
SWNT-COOH-211	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high purity -COOH functionalized 0.2 wt% in water, nanopaste

C: Single Walled Carbon Nanotubes (High-Purity) Materials

<u>SWNT-HP-10x series</u>	
SWNT-HP-100	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high-purity, moving catalyst mfg, nanopowder
SWNT-HP-101	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high-purity, floating catalyst mfg, nanopowder
SWNT-HP-101-OH	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high-purity OH-functionalized, floating catalyst mfg, nanopowder
SWNT-HP-101-COOH	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high-purity COOH-functionalized, floating catalyst mfg, nanopowder
SWNT-HP-101-NH2	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high-purity NH2-functionalized, floating catalyst mfg, nanopowder
SWNT-HP-101-S	single-walled carbon nanotubes 95 % OD < 2 nm L 1-3 um high-purity short, floating catalyst mfg, nanopowder
SWNT-HP-101-S-OH	single-walled carbon nanotubes 95 % OD < 2 nm L 1-3 um high-purity short OH-functionalized, floating catalyst mfg, nanopowder
SWNT-HP-101-S-COOH	single-walled carbon nanotubes 95 % OD < 2 nm L 1-3 um high-purity short COOH-functionalized, floating catalyst mfg, nanopowder
SWNT-HP-102	single-walled carbon nanotubes 95 % OD < 2 nm L 5-30 um high-purity large-ssa, nanopowder

C: Single Walled Carbon Nanotubes (Industrial-Grade) Materials

<u>SWNT-IG-10x series</u>	
SWNT-IG-100	single-walled carbon nanotubes 60 % OD 1-2 nm L 5-30 um industrial-grade, nanopowder
SWNT-IG-100-OH	single-walled carbon nanotubes 60 % OD 1-2 nm L 5-30 um industrial-grade OH-functionalized, nanopowder
SWNT-IG-100-COOH	single-walled carbon nanotubes 60 % OD 1-2 nm L 5-30 um industrial-grade COOH-functionalized, nanopowder

CaCO3: Calcium Carbonate Materials

CaCO₃-10x series

CaCO ₃ -100	calcium carbonate nanoparticles 99.9 % 20 nm stearic-acid-treated oleophilic, nanopowder
CaCO ₃ -101	calcium carbonate microparticles 99.9 % 1 um untreated hydrophilic, micropowder
CaCO ₃ -102	calcium carbonate microparticles 99.9 % 800 nm untreated hydrophilic, micropowder
CaCO ₃ -103	calcium carbonate nanoparticles 99.9 % 50-60 nm stearic-acid-treated oleophilic, nanopowder
CaCO ₃ -104	calcium carbonate microparticles 99.9 % 500 nm food-grade, micropowder
CaCO ₃ -105	calcium carbonate microparticles 99.9 % 1 um food-grade, micropowder
CaCO ₃ -106	calcium carbonate microparticles 99.9 % 3 um food-grade, micropowder
CaCO ₃ -107	calcium carbonate nanoparticles 99.9 % 10 nm stearic-acid-treated oleophilic, nanopowder

CaCO₃-11x series

CaCO ₃ -110	calcium carbonate nanoparticles 95 % 40-80 nm stearic-acid-treated hydrophobic, nanopowder
CaCO ₃ -111	calcium carbonate nanoparticles 95 % 50-100 nm stearic-acid-treated hydrophobic, nanopowder

CaO: Calcium Oxide Materials

CaO-10x series

CaO-100	calcium oxide microparticles 99.9 % 1-3 um, micropowder
CaO-101	calcium oxide microparticles 99.9 % 5 um, micropowder
CaO-102	calcium oxide microparticles 99.9 % 10 um, micropowder

CdO: Cadmium Oxide Materials

CdO-10x series

CdO-100	cadmium oxide microparticles 99.9 % 10 um, micropowder
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CeO₂: Cerium Oxide Materials

CeO₂-10x series

CeO ₂ -100	cerium oxide nanoparticles 99.99 % 10-30 nm SSA 30-60 m ² /g, nanopowder
CeO ₂ -101	cerium oxide nanoparticles 99.99 % 50 nm SSA 20-50 m ² /g, nanopowder
CeO ₂ -102	cerium oxide nanoparticles 99.99 % 100 nm SSA 10-30 m ² /g, nanopowder
CeO ₂ -103	cerium oxide microparticles 99.99 % 200 nm SSA 5-10 m ² /g, micropowder

CeO₂-11x series

CeO ₂ -110	cerium oxide nanoparticles 99.9 % 100 nm, nanopowder
CeO ₂ -111	cerium oxide microparticles 99.9 % 1-3 um, micropowder
CeO ₂ -112	cerium oxide nanoparticles 99.9 % 10-30 nm, nanopowder

CeO₂-12x series

CeO ₂ -120	cerium oxide nanoparticles 99.9 % 10-30 nm, nanopowder
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CeO₂-20x series

CeO2-200	cerium oxide nanoparticles 99.99 % 10-30 nm 20 wt% in water pH 6-8, nanodispersion
CeO2-201	cerium oxide nanoparticles 99.99 % 50 nm 20 wt% in water pH 6-8, nanodispersion
CeO2-202	cerium oxide nanoparticles 99.99 % 100 nm 20 wt% in water pH 6-8, nanodispersion
CeO2-203	cerium oxide microparticles 99.99 % 200 nm 20 wt% in water pH 6-8, nanodispersion

Co: Cobalt Materials

Co-10x series

Co-100	cobalt nanoparticles 99.9 % 20-30 nm in deionized water, nanopaste
Co-101	cobalt nanoparticles 99.9 % 100-200 nm, nanopowder
Co-102	cobalt microparticles 99.9 % 1-3 um, micropowder

Co-11x series

Co-110	cobalt blue microparticles 100-300 nm pigment, micropowder
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CoFe2O4: Cobalt Ferrite Materials

CoFe2O4-40x series

CoFe2O4-400	cobalt ferrite nanoparticles 98 % 35-55 nm, nanopowder
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Co3O4: Cobalt Oxide Materials

Co3O4-10x series

Co3O4-100	cobalt oxide nanoparticles 99.9 % 60-100 nm, nanopowder
Co3O4-102	cobalt oxide microparticles 99.9 % 10 um, micropowder

Cr: Chromium Materials

Cr-10x series

Cr-100	chromium nanoparticles 99.9 % 40 nm, nanopowder
Cr-101	chromium nanoparticles 99.9 % 70 nm, nanopowder

Cr2O3: Chromium Oxide Materials

Cr2O3-10x series

Cr2O3-100	chromium oxide nanoparticles 99.9 % 50 nm, nanopowder
Cr2O3-101	chromium oxide microparticles 99.9 % 1 um, micropowder
Cr2O3-102	chromium oxide microparticles 99.9 % 500 nm, micropowder

Cr3C2: Chromium Carbide Materials

Cr3C2-10x series

Cr3C2-100	chromium carbide microparticles 99.9 % 1-3 um, powder
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Cr3C2-101	chromium carbide microparticles 99.9 % 500 nm, powder
<u>Cr3C2-11x series</u>	
Cr3C2-110	chromium carbide nanoparticles 99.9 % 100 nm, nanopowder
Cr3C2-111	chromium carbide microparticles 99.9 % 500 nm orthorhombic black, powder
Cr3C2-112	chromium carbide microparticles 99.9 % 800 nm orthorhombic black, powder
<u>Cr3C2-12x series</u>	
Cr3C2-120	chromium carbide nanoparticles 99.9 % 80 nm, nanopowder

Cu: Copper Materials

<u>Cu-10x series</u>	
Cu-100-WET	copper nanoparticles 99.9 % 20 nm wet, nanopaste
Cu-100-BTA	copper nanoparticles 99.9 % 20 nm BTA-coated, nanopowder
Cu-101-PSV	copper nanoparticles 99.9 % 40 nm passivated, nanopowder
Cu-101-WET	copper nanoparticles 99.9 % 40 nm wet, nanopaste
Cu-101-BTA	copper nanoparticles 99.9 % 40 nm BTA-coated, nanopowder
Cu-102-PSV	copper nanoparticles 99.9 % 70 nm passivated, nanopowder
Cu-102-WET	copper nanoparticles 99.9 % 70 nm wet, nanopaste
Cu-102-BTA	copper nanoparticles 99.9 % 70 nm BTA-coated, nanopowder
Cu-103-PSV	copper nanoparticles 99.9 % 100 nm passivated, nanopowder
Cu-103-WET	copper nanoparticles 99.9 % 100 nm wet, nanopaste
Cu-103-BTA	copper nanoparticles 99.9 % 100 nm BTA-coated, nanopowder
Cu-104-PSV	copper nanoparticles 99.9 % 200 nm passivated, nanopowder
Cu-104-WET	copper nanoparticles 99.9 % 200 nm wet, nanopaste
Cu-104-BTA	copper nanoparticles 99.9 % 200 nm BTA-coated, nanopowder
Cu-105	copper microparticles 99 % 800 nm, micropowder
Cu-106	copper microparticles 99 % 1-2 um, micropowder
Cu-107	copper microparticles 99 % 5-6 um, micropowder
<u>Cu-11x series</u>	
Cu-110	copper microparticles 50-80 um, powder
Cu-111	copper microparticles 200-500 um, powder
Cu-112	copper microparticles 99.9 % 25 um flakes, micropowder
Cu-113	copper microparticles 99.9 % 45 um flakes, micropowder
Cu-114	copper microparticles 99.9 % 75-105 um spherul, micropowder
<u>Cu-12x series</u>	
Cu-120	copper microparticles 99.9 % 1-3 um silver coated Ag 5-35 % flaky/spherical/dendritic, powder
Cu-121	copper microparticles 99.9 % 3-5 um silver coated Ag 5-35 % flaky/spherical/dendritic, powder
Cu-122	copper microparticles 99.9 % 5-8 um silver coated Ag 5-35 % flaky/spherical/dendritic, powder

Cu-20x series

Cu-200 copper nanoparticles 99.9 % 20-200 nm 1 wt% in DI water, nanodispersion (selectable size: 20, 40, 70, 100, 200 nm)

Cu: Copper Alloy Materials

Cu-Zn-10x series

Cu-Zn-100 copper zinc alloy nanoparticles powder 70 nm Cu:Zn 60:40

Cu-Zn-101 copper zinc alloy nanoparticles powder 70 nm Cu:Zn 50:50

Cu-Zn-102 copper zinc alloy nanoparticles powder 70 nm Cu:Zn 65:35

CuO: Copper Oxide Materials

CuO-10x series

CuO-100 copper oxide nanoparticles 99.8 % 80 nm, nanopowder

CuO-101 copper oxide nanoparticles 99 % 30-50 nm, nanopowder

CuO-11x series

CuO-110 copper oxide nanoparticles 99.9 % 40 nm, nanopowder

CuO-111 copper oxide nanoparticles 99.9 % 20-30 nm, nanopowder

CuO-112 copper oxide nanoparticles 99.9 % 50-80 nm, nanopowder

CuO-113 copper oxide nanoparticles 99.9 % 100 nm, nanopowder

CuO-12x series

CuO-120 copper oxide microparticles 99 % 800 nm, micropowder

CuO-13x series

CuO-130 copper oxide microparticles 200 nm, micropowder

CuO-20x series

CuO-200 copper oxide nanoparticles 50-100 nm 20 wt% in water, nanoslurry

Cu₂O: Copper Oxide Materials

Cu₂O-10x series

Cu₂O-100 copper oxide (cuprous oxide) nanoparticles 99 % 30-50 nm, nanopowder

Cu₂O-11x series

Cu₂O-110 copper oxide (cuprous oxide) microparticles 99.9 % 1 um, micropowder

Er₂O₃: Erbium Oxide Materials

Er₂O₃-10x series

Er₂O₃-100 erbium oxide nanoparticles 99.9% 50 nm, nanopowder

Er₂O₃-101 erbium oxide 99.9% 1 um, powder

Fe: Iron Materials

Fe-10x series

Fe-100-P	iron nanoparticles 99 % 20 nm passivated, nanopowder
Fe-100-W	iron nanoparticles 99 % 20 nm unpassivated in deionized water, nanopaste
Fe-100-P-OA	iron nanoparticles 99 % 20 nm passivated oleic-acid-treated, nanopowder
Fe-100-W-OA	iron nanoparticles 99 % 20 nm unpassivated oleic-acid-treated in deionized water, nanopaste
Fe-101-P	iron nanoparticles 99.9 % 40 nm passivated, nanopowder
Fe-101-W	iron nanoparticles 99.9 % 40 nm unpassivated in deionized water, nanopaste
Fe-101-P-OA	iron nanoparticles 99.9 % 40 nm passivated oleic-acid-treated, nanopowder
Fe-101-W-OA	iron nanoparticles 99.9 % 40 nm unpassivated oleic-acid-treated in deionized water, nanopaste
Fe-102-P	iron nanoparticles 99.9 % 70 nm passivated, nanopowder
Fe-102-W	iron nanoparticles 99.9 % 70 nm unpassivated in deionized water, nanopaste
Fe-102-P-OA	iron nanoparticles 99.9 % 70 nm passivated oleic-acid-treated, nanopowder
Fe-102-W-OA	iron nanoparticles 99.9 % 70 nm unpassivated oleic-acid-treated in deionized water, nanopaste
Fe-103-P	iron nanoparticles 99.9 % 100 nm passivated, nanopowder
Fe-103-W	iron nanoparticles 99.9 % 100 nm unpassivated in deionized water, nanopaste
Fe-103-P-OA	iron nanoparticles 99.9 % 100 nm passivated oleic-acid-treated, nanopowder
Fe-103-W-OA	iron nanoparticles 99.9 % 100 nm unpassivated oleic-acid-treated in deionized water, nanopaste

Fe: Iron Alloy Materials

Fe-Cr-10x series

Fe-Cr-100	stainless steel 430 nanoparticles powder 99.9% 70 nm
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Fe-Cr-Co-10x series

Fe-Cr-Co-100	iron chrome cobalt alloy nanoparticles powder 70 nm Fe:Cr:Co 64:25:11
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316L-10x series

316L-100	stainless steel 316L nanoparticles 99.9 % 70 nm, nanopowder
316L-101	stainless steel 316L nanoparticles 99.9 % 100 nm, nanopowder
316L-102	stainless steel 316L microparticles 99.9 % 150 nm, micropowder
316L-103	stainless steel 316L microparticles 99.9 % 200 nm, micropowder

Fe-Ni-10x series

Fe-Ni-100	ferronickel alloy nanoparticles powder 70 nm Fe:Ni 50:50
Fe-Ni-101	ferronickel alloy nanoparticles powder 70 nm Fe:Ni 20:80
Fe-Ni-102	ferronickel alloy nanoparticles powder 200 nm Fe:Ni 50:50
Fe-Ni-103	ferronickel alloy nanoparticles powder 200 nm Fe:Ni 20:80

Fe-Ni-Co-10x series

Fe-Ni-Co-100	iron nickel cobalt alloy nanoparticles powder 99.9% 100 nm Fe:Ni:Co 55:28:17
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Fe2O3: Iron Oxide Materials

Fe2O3-10x series

Fe2O3-100	iron oxide nanoparticles 99.8 % W 10 nm L 30 nm alpha needle-like, nanopowder
Fe2O3-102	iron oxide microparticles 99.5 % 1 um alpha red, powder

Fe2O3-11x series

Fe2O3-110	iron oxide nanoparticles 99.9 % 30 nm gamma red brown, nanopowder
Fe2O3-111	iron oxide nanorods 99.9 % D 10 nm L 100 nm alpha, nanopowder
Fe2O3-112	iron oxide nanoparticles 99.9 % 50 nm alpha, nanopowder
Fe2O3-113	iron oxide microparticles 99.9 % 200 nm alpha, micropowder
Fe2O3-114	iron oxide microparticles 99.9 % 500 nm alpha, micropowder

Fe2O3-12x series

Fe2O3-120	iron oxide nanoparticles 99.8 % 20-50 nm alpha red rod-like, nanopowder
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Fe2O3-20x series

Fe2O3-200	iron oxide nanoparticles 99.5 % 4-8 nm gamma 5 wt% in water, nanodispersion
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Fe2O3-21x series

Fe2O3-210	iron oxide nanoparticles 99.8 % 20-50 nm alpha red 20 wt% in water, nanoslurry
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Fe2O3-40x series

Fe2O3-400	iron oxide nanoparticles 99 % 30 nm alpha, nanopowder
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Fe3O4: Iron Oxide Materials

Fe3O4-10x series

Fe3O4-100	iron oxide nanoparticles 99.8 % 80-100 nm spherical black, nanopowder
Fe3O4-101	iron oxide nanoparticles 99.5 % D 20-30 nm L 80-100 nm rod-like black, nanopowder

Fe3O4-11x series

Fe3O4-110	iron oxide nanoparticles 99.5 % 20 nm brown, nanopowder
Fe3O4-110-pvp	iron oxide nanoparticles 99.5 % 20 nm brown 1 % pvp-coated, nanopowder
Fe3O4-110-ste	iron oxide nanoparticles 99.5 % 20 nm brown stearic-acid-treated, nanopowder
Fe3O4-111	iron oxide nanoparticles 99.5 % 80 nm black, nanopowder
Fe3O4-112	iron oxide microparticles 99.5 % 200 nm black, micropowder
Fe3O4-113	iron oxide microparticles 99.9 % 300 nm black, micropowder
Fe3O4-114	iron oxide nanoparticles 99.5 % 5-15 nm, nanopowder

Fe3O4-12x series

Fe3O4-120	iron oxide nanoparticles 97 % 50-100 nm black, nanopowder
Fe3O4-121	iron oxide nanoparticles 99.5 % 10-20 nm brown spherical, nanopowder

Ge: Germanium Materials

Ge-10x series

Ge-100	germanium nanoparticles 99.9% 50 nm, nanopowder
Ge-101	germanium microparticles 99.9 % 100-300 nm, micropowder

HfO2: Hafnium Oxide Materials

HfO2-10x series

HfO2-100	hafnium oxide nanoparticles 99.99% 80-100 nm, nanopowder
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HfO2-11x series

HfO2-110	hafnium oxide 99.9% 200 mesh, powder
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HfO2-12x series

HfO2-120	hafnium oxide nanoparticles 99.99% 50 nm, nanopowder
HfO2-121	hafnium oxide nanoparticles 99.99% 100 nm, nanopowder
HfO2-122	hafnium oxide 99.99% 500 nm, powder
HfO2-123	hafnium oxide 99.99% 1 um, powder

In2O3: Indium Oxide Materials

In2O3-10x series

In2O3-100	indium oxide nanoparticles powder 99.99% 50 nm
In2O3-110	indium oxide nanoparticles powder 99.995% 60 nm

In2O3 (ITO): Indium Tin Oxide Materials

ITO-10x series

ITO-100	indium tin oxide ITO nanoparticles 99.9 % 50 nm In2O3:SnO2 90:10 wt%, nanopowder
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ITO-11x series

ITO-110	indium tin oxide ITO nanoparticles 99.99 % 50 nm In2O3:SnO2 90:10 wt%, nanopowder
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ITO-12x series

ITO-120	indium tin oxide ITO nanoparticles 99.99 % 20-30 nm PVP-treated In2O3:SnO2 90:10 wt%, nanopowder
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ITO-20x series

ITO-200-10WT	indium tin oxide ITO nanoparticles 99.99 % 20-30 nm In2O3:SnO2 90:10 wt% 10 wt% in water, nanodispersion
ITO-200-20WT	indium tin oxide ITO nanoparticles 99.99 % 20-30 nm In2O3:SnO2 90:10 wt% 20 wt% in water, nanodispersion
ITO-200-30WT	indium tin oxide ITO nanoparticles 99.99 % 20-30 nm In2O3:SnO2 90:10 wt% 30 wt% in water, nanodispersion

Ir: Iridium Materials

Ir-10xseries

Ir-100	iridium nanoparticles powder 99.99% 20-30 nm
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La2O3: Lanthanum Oxide Materials

La2O3-10x series

La2O3-100	lanthanum oxide nanoparticles 99.99 % 20 nm, nanopowder
La2O3-101	lanthanum oxide microparticles 99.99 % 500 nm, micropowder
La2O3-102	lanthanum oxide microparticles 99.99 % 1-3 um, micropowder

LaF3: Lanthanum Trifluoride Materials

LaF3-10x series

LaF3-100	lanthanum trifluoride nanoparticles powder 90% 40 nm
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Mg: Magnesium Materials

Mg-10x series

Mg-100	magnesium microparticles 99.9 % 10 um regular spheres, micropowder
Mg-101	magnesium microparticles 99.9 % 20 um regular spheres, micropowder
Mg-102	magnesium microparticles 99.9 % 30 um regular spheres, micropowder
Mg-103	magnesium microparticles 99.9 % 45 um regular spheres, micropowder
Mg-104	magnesium microparticles 99.9 % 75 um regular spheres, micropowder
Mg-105	magnesium microparticles 99.9 % 100 um regular spheres, micropowder

Mg(OH)2: Magnesium Hydroxide Materials

Mg(OH)2-10x series

Mg(OH)2-100	magnesium hydroxide nanoparticles 99.9 % 30-50 nm, nanopowder
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Mg(OH)2-11x series

Mg(OH)2-110	magnesium hydroxide nanoparticles 99 % 10 nm, nanopowder
Mg(OH)2-111	magnesium hydroxide nanoparticles 20-30 nm, nanopowder

Mg(OH)2-12x series

Mg(OH)2-120	magnesium hydroxide nanoparticles 1-5 um, micropowder
Mg(OH)2-121	magnesium hydroxide nanoparticles 10-15 um, micropowder

Mg(OH)2-40x

Mg(OH)2-400	magnesium hydroxide nanoparticles 98 % 100 nm, nanopowder
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MgCO3: Magnesium Carbonate Materials

MgCO3-10x series

MgCO3-100	magnesium carbonate nanoparticles 10 nm, nanopowder
MgCO3-101	magnesium carbonate nanoparticles 10 nm N401 treated lipophilic, nanopowder

MgO: Magnesium Oxide Materials

MgO-10x series

MgO-100	magnesium oxide nanoparticles 99.9 % 20-30 nm, nanopowder
MgO-101	magnesium oxide nanoparticles 99.9 % 50 nm, nanopowder
MgO-102	magnesium oxide nanoparticles 99.9 % 250 nm, nanopowder

MgO-12x series

MgO-120	magnesium oxide nanoparticles 99.9 % 20 nm, nanopowder
MgO-121	magnesium oxide nanoparticles 99.9 % 50 nm, nanopowder
MgO-122	magnesium oxide 99 % 1 um, powder

MgO-13x series

MgO-130	magnesium oxide nanoparticles 99 % 40 nm, nanopowder
MgO-131	magnesium oxide nanoparticles 99 % 20 nm, nanopowder

MgO-16x series

MgO-160	magnesium oxide 99.99 % 1-3 mm, crystals
MgO-161	magnesium oxide 99.99 % 3-5 mm, crystals
MgO-162	magnesium oxide 99.99 % 6-12 mm, crystals

MgO-20x series

MgO-200	magnesium oxide nanoparticles 99.9 % 20-30 nm 20 wt% in water, nanodispersion
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MgO-40x series

MgO-400	magnesium oxide nanoparticles 99 % 20 nm, nanopowder
MgO-401	magnesium oxide nanoparticles 99 % 40-60 nm, nanopowder

MnO: Manganese Oxide Materials

MnO-10x series

MnO-100	manganese oxide nanoparticles 99.9 % 1-3 um, micropowder
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Mn2O3: Manganese Oxide Materials

Mn2O3-10x series

Mn2O3-100	manganese oxide nanoparticles 99.9 % 50 nm, nanopowder
Mn2O3-101	manganese oxide microparticles 99.9 % 1 um, micropowder
Mn2O3-102	manganese oxide microparticles 99.9 % 10 um, micropowder

Mn3O4: Manganese Oxide Materials

Mn3O4-10x series

Mn3O4-100	manganese oxide nanoparticles 99.9 % 50 nm, nanopowder
Mn3O4-101	manganese oxide microparticles 99.9 % 1 um, micropowder

Mo: Molybdenum Materials

Mo-10x series

Mo-100	molybdenum nanoparticles 99.9% 40 nm, nanopowder
Mo-101	molybdenum nanoparticles 99.9% 70 nm, nanopowder
Mo-102	molybdenum nanoparticles 99.9% 100 nm, nanopowder
Mo-103	molybdenum 99.9% 130 nm, powder
Mo-104	molybdenum 99.9% 2 um, powder

Mo2C: Molybdenum Carbide Materials

Mo2C-10x series

Mo2C-100	molybdenum carbide microparticles 99.9 % 1-3 um, powder
Mo2C-101	molybdenum carbide microparticles 99.9 % 500 nm, powder

MoO3: Molybdenum Oxide Materials

MoO3-10x series

MoO3-100	molybdenum oxide 1 um, powder
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MoS2: Molybdenum Disulfide Materials

MoS2-10x series

MoS2-100	molybdenum disulfide microparticles 99.9% 500 nm, powder
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Nb: Niobium Materials

Nb-10x series

Nb-100	niobium nanoparticles 99.9 % 80-100 nm, nanopowder
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Ni: Nickel Materials

Ni-10x series

Ni-100-D	nickel nanoparticles 99.9 % 20 nm, nanopowder
Ni-100-W	nickel nanoparticles 99.9 % 20 nm in deionized water, nanopaste
Ni-101	nickel nanoparticles 99.9 % 40 nm, nanopowder
Ni-102	nickel nanoparticles 99.9 % 70 nm, nanopowder
Ni-103	nickel nanoparticles 99.9 % 100 nm, nanopowder
Ni-104	nickel microparticles 99.9 % 1-3 um, nanopowder

Ni: Nickel Alloy Materials

Ni-Cr-10x series

Ni-Cr-100 nickel chrome alloy nanoparticles powder 70 nm Ni:Cr 80:20

Ni-Cu-10x series

Ni-Cu-100 nickel copper alloy nanoparticles powder 70 nm Ni:Cu 50:50

Ni-Ti-10x series

Ni-Ti-100 nickel titanium alloy nanoparticles powder 70 nm Ni:Ti 50:50

Ni-Ti-101 nickel titanium alloy nanoparticles powder 200 nm Ni:Ti 50:50

Ni2O3: Nickel Oxide Materials

Ni2O3-10x series

Ni2O3-100 nickel oxide nanoparticles 99.9 % 20-30 nm, nanopowder

Ni2O3-11x series

Ni2O3-110 nickel oxide nanoparticles 99.9 % 20 nm, nanopowder

Ni2O3-111 nickel oxide microparticles 99.9 % 1 um, micropowder

NiO: Nickel Oxide Materials

NiO-10x series

NiO-100 nickel oxide nanoparticles 99.9 % 20 nm, nanopowder

NiO-11x series

NiO-110 nickel oxide nanoparticles 99.9 % 20-30 nm, nanopowder

Pd: Palladium Materials

Pd-10x series

Pd-100 palladium nanoparticles powder 99.99% 20-30 nm

Pt: Platinum Materials

Pt-10x series

Pt-100 platinum nanoparticles 99.99 % 20-30 nm, nanopowder

Pt-11x series

Pt-110 platinum nanoparticles 99.95 % 3 nm polymer-coated Pt 10 wt%, nanopowder

Pt-12x series

Pt-120 platinum nanoparticles 99.9 % 20-30 nm, nanopowder

Rh: Rhodium Materials

Rh-10x series

Rh-100 rhodium nanoparticles powder 99.99% 20-30 nm

Ru: Ruthenium Materials

Ru-10x series

Ru-100 ruthenium nanoparticles powder 99.99% 20-30 nm

Sc2O3: Scandium Oxide Materials

Sc2O3-10x series

Sc2O3-100 scandium oxide microparticles 99.99 % 1-3 um, micropowder

Si: Silicon Materials

Si-10x series

Si-100 silicon nanoparticles 99 % 30-50 nm polycrystalline spherical, nanopowder
Si-101 silicon microparticles 99.9 % 100-200 nm polycrystalline irregular, micropowder
Si-102 silicon microparticles 99.9 % 1-2 um polycrystalline irregular, micropowder
Si-103 silicon microparticles 99.9 % 10 um polycrystalline irregular, micropowder
Si-104 silicon microparticles 99.9 % 400 nm polycrystalline irregular, micropowder

Si-11x series

Si-110 silicon nanoparticles 99 % 30 nm, nanopowder
Si-111 silicon nanoparticles 99.9 % 80 nm polycrystalline, nanopowder
Si-112 silicon microparticles 99.9 % 1 um, micropowder
Si-113 silicon microparticles 99.9 % 5 um, micropowder
Si-114 silicon microparticles 99.9 % 10 um, micropowder
Si-115 silicon microparticles 99.9 % 25 um, micropowder
Si-116 silicon microparticles 99.9 % 45 um, micropowder
Si-117 silicon microparticles 99.9 % 75 um, micropowder
Si-118 silicon microparticles 99.9 % 100 um, micropowder
Si-119 silicon 99.99 % 1-5 cm, powder

Si-12x series

Si-120 silicon microspheres 99.99 % 200 nm spheres, micropowder

Si-13x series

Si-130 silicon nanoparticles 50 nm, nanopowder

Si3N4: Silicon Nitride Materials

Si3N4-10x series

Si3N4-100 silicon nitride nanoparticles 99.9 % 80-100 nm alpha, nanopowder

Si3N4-101	silicon nitride microparticles 99.9 % 300-500 nm, micropowder
Si3N4-102	silicon nitride microparticles 99.99 % 300-500 nm, micropowder
Si3N4-103	silicon nitride microparticles 99.9 % 600-800 nm, micropowder
Si3N4-104	silicon nitride microparticles 99.9 % 0.8-1.0 um, micropowder
Si3N4-105	silicon nitride microparticles 99.9 % 2 um alpha, micropowder
Si3N4-106	silicon nitride microparticles 99.9 % 2 um beta, micropowder

Si3N4-11x series

Si3N4-110	silicon nitride nanoparticles 99.9 % 20 nm amorphous, nanopowder
Si3N4-111	silicon nitride microparticles 99.995 % 1 um alpha, micropowder
Si3N4-112	silicon nitride microparticles 99.9 % 1 um alpha, micropowder
Si3N4-113	silicon nitride microparticles 99.9 % 1 um beta, micropowder
Si3N4-114	silicon nitride microparticles 99.9 % 5 um alpha, micropowder
Si3N4-115	silicon nitride microparticles 99.9 % 15 um alpha, micropowder

SiC: Silicon Carbide Materials

SiC-10x series

SiC-100	silicon carbide (green) nanoparticles 99 % 10 nm alpha, nanopowder
SiC-101	silicon carbide (green) nanoparticles 99.9 % 50 nm alpha, nanopowder
SiC-103	silicon carbide nanoparticles 99.9 % 30 nm, nanopowder
SiC-104	silicon carbide (green) microparticles 99.9 % 500 nm grayish, micropowder
SiC-105	silicon carbide (green) microparticles 99.9 % 300 nm grayish, micropowder
SiC-106	silicon carbide (green) microparticles 99.9 % 800 nm grayish, micropowder
SiC-107	silicon carbide (black) microparticles 99.9 % 500 nm gray, micropowder
SiC-108	silicon carbide (black) microparticles 99.9 % 300 nm gray, micropowder
SiC-109	silicon carbide (black) microparticles 99.9 % 800 nm gray, micropowder

SiC-11x series

SiC-110	silicon carbide nanoparticles 99 % 50 nm beta, nanopowder
SiC-111	silicon carbide microparticles 99 % 100-200 nm beta, micropowder
SiC-112	silicon carbide microparticles 99 % 500 nm beta, micropowder
SiC-113	silicon carbide microparticles 99 % 1-2 um beta, micropowder
SiC-114	silicon carbide microparticles 99 % 5 um beta, micropowder
SiC-115	silicon carbide microparticles 99 % 7 um beta, micropowder
SiC-116	silicon carbide microparticles 99 % 10 um beta, micropowder
SiC-117	silicon carbide microparticles 99 % 15 um beta irregular, micropowder
SiC-118	silicon carbide nanowhiskers 99 % D 0.1-2.5 um L 20-200 um beta, nanopowder

SiC-12x series

SiC-120	silicon carbide nanoparticles 97 % 40-60 nm cubic, nanopowder
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SiC-13x series

SiC-130 silicon carbide nanoparticles 99.9 % 60-80 nm alpha, nanopowder
SiC-131 silicon carbide microparticles 99.9 % 10-50 um spheres, micropowder

SiO2: Silica Materials

SiO2-10x series

SiO2-100 silica nanoparticles 99.8 % 10-20 nm amorphous hydrophilic, nanopowder
SiO2-101 silica nanoparticles 99.8 % 20-30 nm amorphous hydrophilic, nanopowder
SiO2-102 silica nanoparticles 99.8 % 10-20 nm amorphous hydrophobic, nanopowder
SiO2-103 silica nanoparticles 99.8 % 20-30 nm amorphous hydrophobic, nanopowder
SiO2-104 silica microparticles 99.9 % 400-500 nm amorphous, micropowder
SiO2-105 silica nanoparticles 99.8 % 60-80 nm amorphous hydrophilic, nanopowder
SiO2-106-W silica nanoparticles 99.8 % 80-100 nm hydrophilic, nanopowder
SiO2-106-O silica nanoparticles 99.8 % 80-100 nm hydrophobic, nanopowder

SiO2-11x series

SiO2-110 silica nanoparticles 97 % 25-35 nm hydrophobic oiliness, nanopowder
SiO2-111 silica nanoparticles 99.5 % 20-40 nm, nanopowder
SiO2-112 silica nanoparticles 99.5 % 50 nm, nanopowder
SiO2-113 silica nanoparticles 99.5 % 10-20 nm, nanopowder

SiO2-12x series

SiO2-120 silica nanoparticles 20 nm, nanopowder
SiO2-121 silica microparticles 99.9 % 1 um amorphous globular shape, micropowder
SiO2-122 silica microparticles 99.9 % 10 um, micropowder
SiO2-123 silica microparticles 25 um, micropowder
SiO2-124 silica microparticles 45 um, micropowder
SiO2-125 silica microparticles 75 um, micropowder
SiO2-126 silica microparticles 99.9 % 1 um quartz irregular shape, micropowder
SiO2-127 silica microparticles 99.9 % 3-5 um amorphous, micropowder
SiO2-128 silica nanoparticles 99.9 % 10 nm hydrophilic, nanopowder
SiO2-129 silica microparticles 99.99 % 1 um quartz, micropowder

SiO2-14x series

SiO2-140 silica microparticles 99.9 % 200-400 nm amorphous spherical, micropowder
SiO2-141 silica microparticles 99.9 % 300-500 nm amorphous spherical, micropowder
SiO2-142 silica microparticles 99.9 % 400-600 nm amorphous, micropowder
SiO2-143 silica nanoparticles 99.5 % 15 nm spherical SSA 650m2/g hydrophilic, nanopowder
SiO2-144 silica nanoparticles 99.9 % 200-300 nm quartz ball-shaped, nanopowder

SiO2-15x series

SiO2-150	silica nanoparticles 99 % 80-100 nm, nanopowder
SiO2-151	silica nanoparticles 99 % 10-20 nm, nanopowder
<u>SiO2-20x series</u>	
SiO2-200	silica nanoparticles 10-20 nm pH 1-3 translucent 20 wt% in water, nanodispersion
SiO2-201	silica nanoparticles 30 nm 20 wt% in water, nanodispersion
SiO2-202	silica nanoparticles 60 nm 20 wt% in water, nanodispersion
SiO2-203	silica nanoparticles 5-15 nm pH 3-5 translucent 25 wt% in water, nanocolloidal
SiO2-204	silica nanoparticles 5-15 nm pH 9-11 translucent 30 wt% in water, nanocolloidal
SiO2-205	silica nanoparticles 25-35 nm pH 7-8 white 20 wt% in water, nanodispersion
SiO2-206	silica nanoparticles 5-15 nm pH 7-8 translucent 25 wt% in water, nanocolloidal
<u>SiO2-40x series</u>	
SiO2-400-p1	silica nanoparticles 99 % 80 nm amorphous, nanopowder
SiO2-400	silica nanoparticles 99 % 20 nm amorphous, nanopowder
SiO2-402	silica microparticles 99.998 % 1.0-3.5 um quartz, micropowder
SiO2-403	silica microparticles 99.99 % 1.0-3.5 um quartz, micropowder

Sn: Tin Materials

<u>Sn-10x series</u>	
Sn-100	tin nanoparticles 99.9 % 70 nm, nanopowder
Sn-101	tin nanoparticles 99.9 % 100 nm, nanopowder
Sn-102	tin microparticles 99.9 % 130 nm, micropowder
<u>Sn-11x series</u>	
Sn-110	tin nanoparticles 99.9 % 50 nm, nanopowder
Sn-111	tin microparticles 99.9 % 500 nm, micropowder
Sn-112	tin microparticles 99.9 % 5 um, micropowder
Sn-113	tin microparticles 99.9 % 10 um, micropowder
Sn-114	tin microparticles 99.9 % 25 um, micropowder

SnO2: Tin Oxide Materials

<u>SnO2-10x series</u>	
SnO2-100	tin dioxide nanoparticles 99.99 % 20-30 nm, nanopowder
SnO2-101	tin dioxide nanoparticles 99.99 % 70-80 nm, nanopowder
<u>SnO2-11x series</u>	
SnO2-110	tin dioxide nanoparticles 99.9 % 50 nm, nanopowder
SnO2-111	tin dioxide microparticles 99.9 % 500 nm, micropowder
SnO2-112	tin dioxide microparticles 99.9 % 1-3 um, micropowder

SnO₂ (ATO): Antimony Tin Oxide Materials

ATO-10x series

ATO-100	antimony tin oxide nanoparticles 99.9 % 10 nm, nanopowder
ATO-101	antimony tin oxide nanoparticles 99.9 % 20-40 nm, nanopowder
ATO-102	antimony tin oxide nanoparticles 99.9 % 100 nm, nanopowder
ATO-103	antimony tin oxide nanoparticles 99.9 % 40-60 nm, nanopowder

ATO-11x series

ATO-110	antimony tin oxide nanoparticles 99.95 % 20-40 nm, nanopowder
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ATO-20x series

ATO-200-10WT	antimony tin oxide nanoparticles 99.95 % 6-8 nm 10 wt% in water, nanosolution
ATO-200-30WT	antimony tin oxide nanoparticles 99.95 % 6-8 nm 30 wt% in water, nanosolution
ATO-200-50WT	antimony tin oxide nanoparticles 99.95 % 6-8 nm 50 wt% in water, nanosolution
ATO-201-30WT	antimony tin oxide nanoparticles 99.95 % 100 nm 30 wt% in water, nanosolution

ATO-21x series

ATO-210	antimony tin oxide nanoparticles 10-20 nm 30 wt% in water, nanoliquid
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SrTiO₃: Strontium Titanate Materials

SrTiO₃-10x series

SrTiO ₃ -100	strontium titanate nanoparticles 99.9 % 300 nm, nanopowder
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Ta: Tantalum Materials

Ta-10x series

Ta-100	tantalum nanoparticles powder 99.9% 40 nm
Ta-101	tantalum nanoparticles powder 99.9% 70 nm
Ta-102	tantalum nanoparticles powder 99.9% 100 nm

Ta₂O₅: Tantalum Oxide Materials

Ta₂O₅-10x series

Ta ₂ O ₅ -100	tantalum oxide nanoparticles powder 99.99% max 150 nm
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Tb₄O₇: Terbium Oxide Materials

Tb₄O₇-10x series

Tb ₄ O ₇ -100	terbium oxide microparticles 99.9 % 1-3 um, micropowder
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Ti: Titanium Materials

Ti-10x series

Ti-100	titanium nanoparticles 99.9 % 40 nm, nanopowder
Ti-101	titanium nanoparticles 99.9 % 70 nm, nanopowder
<u>Ti-11x series</u>	
Ti-110	titanium nanoparticles 99.9 % 40-60 nm, nanopowder

Ti2O3: Titanium Oxide Materials

Ti2O3-10x series

Ti2O3-100	titanium dioxide 99.99 % black, tablets
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TiB2: Titanium Boride Materials

TiB2-10x series

TiB2-100	titanium diboride microparticles 99.9 % 100-200 nm, micropowder
TiB2-101	titanium diboride microparticles 99.9 % 5-8 um, micropowder
TiB2-102	titanium diboride microparticles 99.9 % 200-300 nm, micropowder

TiB2-11x series

TiB2-110	titanium diboride nanoparticles 99.5 % 50 nm, nanopowder
TiB2-111	titanium diboride nanoparticles 99.5 % 20-30 nm, nanopowder
TiB2-112	titanium diboride microparticles 99.9 % 10-15 um, micropowder
TiB2-113	titanium diboride microparticles 99.9 % 1-3 um, micropowder
TiB2-114	titanium diboride microparticles 99.9 % 500 nm, micropowder
TiB2-115	titanium diboride nanoparticles 99.5 % 60-80 nm, nanopowder

TiC: Titanium Carbide Materials

TiC-10x series

TiC-100	titanium carbide nanoparticles 99 % 10 nm, nanopowder
TiC-101	titanium carbide nanoparticles 99.5 % 40 nm, nanopowder

TiC-11x series

TiC-110	titanium carbide nanoparticles 99 % 30-50 nm, nanopowder
TiC-111	titanium carbide microparticles 99 % 100-200 nm, micropowder
TiC-112	titanium carbide microparticles 99.5 % 1-3 um, micropowder
TiC-113	titanium carbide microparticles 99.5 % 300-500 nm, micropowder

TiC-12x series

TiC-120	titanium carbide nanoparticles 97 % 50 nm, nanopowder
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TiN: Titanium Nitride Materials

TiN-10x series

TiN-100	titanium nitride nanoparticles 99.9 % 20 nm, nanopowder
TiN-101	titanium nitride nanoparticles 99.9 % 10 nm, nanopowder
<u>TiN-11x series</u>	
TiN-110	titanium nitride nanoparticles 99.5 % 40-50 nm, nanopowder
TiN-111	titanium nitride microparticles 99.5 % 100-200 nm, powder
TiN-112	titanium nitride microparticles 99.5 % 300-500 nm, powder
TiN-113	titanium nitride microparticles 99.5 % 1-3 um, powder
<u>TiN-12x series</u>	
TiN-120	titanium nitride nanoparticles 97 % 20 nm, nanopowder

TiO2: Titanium Dioxide Materials

TiO2-10x series

TiO2-100	titanium dioxide nanoparticles 99.9 % 10 nm anatase spherical, nanopowder
TiO2-101	titanium dioxide nanoparticles 99 % 30-40 nm anatase pvp-coated, nanopowder
TiO2-102	titanium dioxide nanoparticles 99.9 % 30-50 nm anatase, nanopowder
TiO2-103-HHI	titanium dioxide nanoparticles 99.9 % 30-50 nm rutile needle-shaped hydrophilic, nanopowder
TiO2-103-OHI	titanium dioxide nanoparticles 99.9 % 30-50 nm rutile needle-shaped oleophilic, nanopowder
TiO2-104	titanium dioxide microparticles 99.9 % 100-150 nm anatase, micropowder
TiO2-105	titanium dioxide nanotubes 99 % OD 10-15 nm ID 3-5 nm L 1 um aqueous, nanopaste
TiO2-106	titanium dioxide microparticles 99.9 % 100-200 nm rutile spherical, micropowder
TiO2-107	titanium dioxide nanoparticles 99 % 10 nm rutile needle-shaped, nanopowder
TiO2-107-TSA	titanium dioxide nanoparticles 99 % 10 nm rutile needle-shaped stearic-acid-treated, nanopowder
TiO2-108	titanium dioxide nanoparticles 99.9 % 20-30 nm anatase silver-doped 10 nm, nanopowder

TiO2-11x series

TiO2-110	titanium dioxide nanoparticles 99 % 5 nm anatase, nanopowder
TiO2-111	titanium dioxide 99.99 % 1-2 um rutile, powder
TiO2-112	titanium dioxide nanoparticles 99.8 % 10-20 nm rutile, nanopowder
TiO2-113	titanium dioxide nanoparticles 99.9 % 25 nm rutile, nanopowder
TiO2-114	titanium dioxide nanoparticles 99.8 % 60 nm rutile, nanopowder
TiO2-115	titanium dioxide microparticles 99.5 % 200 nm rutile, powder
TiO2-116	titanium dioxide 85-95 % 200 nm rutile hydrophobic, powder
TiO2-117	titanium dioxide 85-95 % 200 nm rutile hydrophilic, powder
TiO2-118	titanium dioxide nanoparticles 99.9 % 30-50 nm rutile Si-Al-coated hydrophilic, nanopowder
TiO2-119	titanium dioxide nanoparticles 80-84 % 25-30 nm rutile silica + alumina + dimethicone treated hydrophobic, nanopowder

TiO2-12x series

TiO2-120	titanium dioxide nanoparticles 99.5 % 15-20 nm anatase, nanopowder
TiO2-121	titanium dioxide nanoparticles 99.8 % 20-30 nm anatase, nanopowder

TiO2-122	titanium dioxide nanoparticles 99.8 % 50-70 nm anatase, nanopowder
TiO2-123	titanium dioxide 99.5 % 200 nm anatase, powder
TiO2-124	titanium dioxide nanoparticles 96 % 30 nm anatase hydrophilic, nanopowder
TiO2-125	titanium dioxide nanoparticles 92 % 30 nm hydrophilic, nanopowder
TiO2-126	titanium dioxide nanoparticles 90-94 % 20 nm anatase hydrophilic, nanopowder
TiO2-127	titanium dioxide nanoparticles 99.9 % 20-30 nm anatase silane-coated oleophilic, nanopowder
TiO2-128	titanium dioxide nanoparticles 15-30 nm rutile for lithium batteries, nanopowder
TiO2-129	titanium dioxide nanoparticles 99.9 % 30 nm anatase for lithium batteries, nanopowder
<u>TiO2-13x series</u>	
TiO2-130	titanium dioxide nanoparticles 85-90 % 30 nm rutile hydrophilic, nanopowder
TiO2-131	titanium dioxide nanoparticles 99.9 % 30-50 nm rutile Si-dimethicone-coated hydrophobic, nanopowder
TiO2-132	titanium dioxide nanoparticles 99 % 30-40 nm rutile silica-coated hydrophilic, nanopowder
TiO2-133	titanium dioxide nanoparticles 81-85 % 25-30 nm rutile silica + dimethicone treated hydrophobic, nanopowder
TiO2-134	titanium dioxide nanoparticles 99.9 % 30-50 nm rutile Al-Zr-coated hydrophilic, nanopowder
TiO2-135	titanium dioxide nanoparticles 99 % 25 nm rutile, nanopowder
TiO2-136	titanium dioxide nanoparticles 99.8 % 10-30 nm anatase, nanopowder
TiO2-137	titanium dioxide nanoparticles 99.8 % 20-30 nm anatase, nanopowder
TiO2-138	titanium dioxide nanoparticles 80-84 % 25-30 nm rutile silica + alumina + stearic acid treated hydrophobic, nanopowder
TiO2-139	titanium dioxide nanoparticles 99 % 80-100 nm rutile, nanopowder
<u>TiO2-14x series</u>	
TiO2-140	titanium dioxide microparticles 99.9 % 500 nm anatase, micropowder
TiO2-141	titanium dioxide microparticles 99.99 % 500 nm anatase (food grade), micropowder
TiO2-142	titanium dioxide microparticles 99.9 % 300 nm rutile, micropowder
TiO2-143	titanium dioxide microparticles 99.99 % 300 nm rutile (food grade), micropowder
TiO2-144	titanium dioxide microparticles 99.9 % 10 um anatase, micropowder
TiO2-145	titanium dioxide nanoparticles 99.99 % 100 nm rutile, nanopowder
TiO2-146	titanium dioxide microparticles 99.99 % 500 nm rutile, micropowder
TiO2-147	titanium dioxide nanoparticles 99.9 % 5 nm, nanopowder
TiO2-148	titanium dioxide nanoparticles 99.99 % 100 nm anatase, nanopowder
TiO2-149	titanium dioxide microparticles 99.99 % 150-300 nm anatase, micropowder
<u>TiO2-15x series</u>	
TiO2-150	titanium dioxide nanoparticles 99 % 20-30 nm anatase:rutile 50:50, nanopowder
TiO2-151	titanium dioxide nanoparticles 99.9 % 50 nm rutile electronic-grade, nanopowder
TiO2-152	titanium dioxide nanoparticles 99.9 % 100 nm rutile electronic-grade, nanopowder
TiO2-153	titanium dioxide microparticles 99.9 % 500 nm rutile electronic-grade, micropowder
TiO2-154	titanium dioxide microparticles 99.9 % 1.5 um rutile electronic-grade, micropowder
TiO2-155	titanium dioxide microparticles 99 % 1 um anatase, micropowder

TiO2-156-TSO	titanium dioxide nanoparticles 99.5 % 30 nm rutile silicon-oil-treated, nanoparticles
TiO2-156-TSA	titanium dioxide nanoparticles 99.5 % 30 nm rutile stearic-acid-treated, nanoparticles
TiO2-157	titanium dioxide nanoparticles 99.5 % 20 nm anatase, nanoparticles
<u>TiO2-16x series</u>	
TiO2-160	titanium dioxide nanoparticles 99.9 % 10 nm anatase, nanopowder
TiO2-161	titanium dioxide microparticles 99.9 % 200 nm anatase, micropowder
TiO2-162	titanium dioxide microparticles 99.9 % 5 um anatase, micropowder
TiO2-163	titanium dioxide nanoparticles 20-30 nm anatase:rutile 75:25 EVONIK AEROXIDE® TiO2 P 25, micropowder
<u>TiO2-17x series</u>	
TiO2-170	titanium dioxide 99.99 % white, granules
TiO2-171	titanium dioxide 99.99 % white, tablets
<u>TiO2-18x series</u>	
TiO2-180	titanium dioxide nanoparticles 99.8 % 30 nm anatase:rutile 60:40, nanopowder
<u>TiO2-20x series</u>	
TiO2-200-20WT	titanium dioxide nanoparticles 99.9 % 30-50 nm 20 wt% in water rutile pH 5-8 white, nanodispersion
TiO2-201-40WT	titanium dioxide nanoparticles 99.9 % 30-50 nm 40 wt% in water rutile pH 7-9 white, nanoslurry
TiO2-202-10WT	titanium dioxide nanoparticles 99 % 5 nm 10 wt% in water anatase pH 1-3 transparent-white, nanodispersion
TiO2-202-20WT	titanium dioxide nanoparticles 99 % 5 nm 20 wt% in water anatase pH 1-3 transparent-white, nanodispersion
TiO2-203-20WT	titanium dioxide nanoparticles 99 % 10-30 nm 20 wt% in water anatase pH 7-9 white, nanodispersion
TiO2-204-10WT	titanium dioxide nanoparticles 99 % 10 nm 10 wt% in water anatase pH 1-3 translucent, nanocollosool
TiO2-204-15WT	titanium dioxide nanoparticles 99 % 10 nm 15 wt% in water anatase pH 1-3 translucent, nanocollosool
TiO2-205	titanium dioxide nanoparticles 99.8 % 15-20 nm 20 wt% in water rutile pH 8-9 white, nanoslurry
TiO2-206	titanium dioxide microparticles 99 % 200 nm 20 wt% in water rutile, nanoslurry
TiO2-232	titanium dioxide nanoparticles 99 % 30-40 nm 20 wt% in water rutile SiO2-coated hydrophilic, nanoslurry
TiO2-234	titanium dioxide nanoparticles 99 % 30-40 nm 20 wt% in water rutile ZrO2-Al2O3-treated hydrophilic, nanoslurry
<u>TiO2-21x series</u>	
TiO2-210	titanium dioxide nanoparticles 99.9 % 10 nm anatase 1000 ppm in water, nanodispersion
TiO2-211	titanium dioxide nanoparticles 99.9 % 10 nm rutile 1000 ppm in water, nanodispersion
TiO2-212	titanium dioxide nanoparticles 99 % 30-40 nm anatase pvp coated 20 wt% in water, nanodispersion
TiO2-213-10	titanium dioxide nanoparticles 99 % 100 nm rutile 10 wt% in water, nanodispersion
TiO2-213-15	titanium dioxide nanoparticles 99 % 100 nm rutile 15 wt% in water, nanodispersion
TiO2-213-20	titanium dioxide nanoparticles 99 % 100 nm rutile 20 wt% in water, nanodispersion
<u>TiO2-40x series</u>	
TiO2-400	titanium dioxide microparticles 99.9 % 500 nm rutile, powder

VO2: Vanadium Oxide Materials

VO2-10x series

VO2-100 vanadium oxide microparticles 99.9 % 100-200 nm monoclinic, micropowder

W: Tungsten Materials

W-10x series

W-100 tungsten nanoparticles powder 99.9% 40 nm
W-101 tungsten nanoparticles powder 99.9% 70 nm
W-102 tungsten nanoparticles powder 99.9% 100 nm
W-103 tungsten nanoparticles powder 99.9% 150 nm

WC: Tungsten Carbide Materials

WC-10x series

WC-100 tungsten carbide microparticles 99 % 500 nm, micropowder
WC-101 tungsten carbide nanoparticles 99.9 % 80-100 nm, nanopowder
WC-102 tungsten carbide microparticles 99 % 1 um, micropowder

WC-11x series

WC-110 tungsten carbide microparticles 99.9 % 500 nm, micropowder
WC-111 tungsten carbide microparticles 99.9 % 200 nm, micropowder
WC-112 tungsten carbide microparticles 99.9 % 1 um, micropowder
WC-113 tungsten carbide nanoparticles 99.9 % 50 nm, nanopowder

WC-Co: Tungsten Carbide Cobalt Alloy Materials

WC-Co-10x series

WC-Co-100 tungsten carbide cobalt alloy microparticles 15-45 um Co 17 %, powder

WC-Co-11x series

WC-Co-110 tungsten carbide cobalt alloy nanoparticles 99.9 % 60-80 nm Co 17 %, nanopowder
WC-Co-111 tungsten carbide cobalt alloy nanoparticles 99.9 % 60-80 nm Co 12 %, nanopowder
WC-Co-112 tungsten carbide cobalt alloy nanoparticles 99.9 % 60-80 nm Co 10 %, nanopowder
WC-Co-113 tungsten carbide cobalt alloy nanoparticles 99.9 % 60-80 nm Co 6 %, nanopowder

WO3: Tungsten Oxide Materials

WO3-10x series

WO3-100 tungsten oxide nanoparticles 99.9 % 50 nm yellow, nanopowder
WO3-100-pvp tungsten oxide nanoparticles 99.9 % 50 nm yellow pvp-coated, nanopowder
WO3-101 tungsten oxide nanoparticles 99.9 % 50 nm blue, nanopowder
WO3-101-pvp tungsten oxide nanoparticles 99.9 % 50 nm blue pvp-coated, nanopowder
WO3-102 tungsten oxide nanoparticles 99.9 % 50 nm purple, nanopowder

WO3-102-pvp	tungsten oxide nanoparticles 99.9 % 50 nm purple pvp-coated, nanopowder
WO3-103	tungsten oxide nanoparticles 99.9 % 200-300 nm yellow, nanopowder
WO3-104	tungsten oxide nanoparticles 99.9 % 200-300 nm blue, nanopowder
WO3-105	tungsten oxide nanoparticles 99.9 % 200-300 nm purple, nanopowder

WO3-11x series

WO3-110	tungsten oxide microparticles 99.95 % 5 um, micropowder
WO3-111	tungsten oxide microparticles 99.95 % 1-3 um light green, micropowder
WO3-112	tungsten oxide nanoparticles 99.95 % 50 nm yellow, nanopowder
WO3-113	tungsten oxide nanoparticles 99.95 % 20 nm yellow, nanopowder

WS2: Tungsten Sulfide Materials

WS2-10x series

WS2-100	tungsten sulfide 99.9% 1 um, powder
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Y2O3: Yttrium Oxide Materials

Y2O3-10x series

Y2O3-100	yttrium oxide nanoparticles 99.999 % 50 nm, nanopowder
Y2O3-101	yttrium oxide microparticles 99.999 % 1 um, micropowder
Y2O3-102	yttrium oxide microparticles 99.999 % 5 um, micropowder
Y2O3-103	yttrium oxide nanoparticles 99.9 % 30 nm polyhedral monoclinic, nanopowder

Y2O3-11x series

Y2O3-110	yttrium oxide nanoparticles 99.9 % 80-100 nm spherical cubic, nanopowder
Y2O3-110-s1	yttrium oxide nanoparticles 99.5 % 30 nm spherical cubic, nanopowder
Y2O3-111	yttrium oxide microparticles 99.9 % 1-2 um irregular cubic, micropowder
Y2O3-112	yttrium oxide nanoparticles 99.99 % 40 nm spherical cubic, nanopowder
Y2O3-113	yttrium oxide microparticles 99.9 % 100-500 nm spherical cubic, micropowder
Y2O3-114	yttrium oxide microparticles 99.9 % 0.5-1.0 um spherical cubic, micropowder

Y2O3-12x series

Y2O3-120	yttrium oxide nanoparticles 99.99 % 30-50 nm, nanopowder
Y2O3-121	yttrium oxide microparticles 99.99 % 200 nm, micropowder
Y2O3-122	yttrium oxide microparticles 99.99 % 1-2 um, micropowder

Y2O3-21x series

Y2O3-212-10	yttrium oxide nanoparticles 99.99 % 40 nm spherical cubic 10 wt% in water, nanodispersion
Y2O3-212-15	yttrium oxide nanoparticles 99.99 % 40 nm spherical cubic 15 wt% in water, nanodispersion
Y2O3-212-20	yttrium oxide nanoparticles 99.99 % 40 nm spherical cubic 20 wt% in water, nanodispersion

Y2O3-22x series

Y2O3-220-10	yttrium oxide nanoparticles 99.99 % 30-50 nm 10 wt% in water, nanopowder
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Z4A: Zeolite 4A Materials

Z4A-10x series

Z4A-100	zeolite 4A microparticles 99.9 % 500 nm, micropowder
Z4A-101	zeolite 4A microparticles 99.9 % 1-3 um, micropowder
Z4A-102	zeolite 4A microparticles 99.9 % 10 um, micropowder
Z4A-103	zeolite 4A microparticles 99.9 % 25 um, micropowder
Z4A-104	zeolite 4A microparticles 99.9 % 45 um, micropowder

Zn: Zinc Materials

Zn-10x series

Zn-100	zinc nanoparticles 99.9 % 70 nm, nanopowder
Zn-101	zinc nanoparticles 99.9 % 100 nm, nanopowder
Zn-102	zinc microparticles 99.9 % 130 nm, micropowder

ZnO: Zinc Oxide Materials

ZnO-10x series

ZnO-100	zinc oxide nanoparticles 99.8 % 20-30 nm spherical, nanopowder
ZnO-100-sil	zinc oxide nanoparticles 99.8 % 20-30 nm spherical silane-coated, nanopowder
ZnO-101	zinc oxide nanoparticles 99.8 % D 20-30 nm L 60-100 nm rod-like, nanopowder
ZnO-101-sil	zinc oxide nanoparticles 99.8 % 20-30 nm rod-like silane-coated, nanopowder

ZnO-11x series

ZnO-110	zinc oxide nanoparticles 99.9 % 20 nm, nanopowder
ZnO-111	zinc oxide nanoparticles 99.9 % 20 nm stearic-acid-treated olephilic, nanopowder
ZnO-112	zinc oxide nanoparticles 99.9 % 50 nm, nanopowder
ZnO-113	zinc oxide microparticles 99.9 % 1 um, micropowder
ZnO-114	zinc oxide microparticles 99.9 % 100-200 nm, micropowder

ZnO-12x series

ZnO-120	zinc oxide nanoparticles 99.5 % 45-55 nm, nanopowder
ZnO-121	zinc oxide nanoparticles 99.9 % 80-100 nm, nanopowder
ZnO-122	zinc oxide nanoparticles 99.9 % 20-40 nm, nanopowder
ZnO-123	zinc oxide nanoparticles 99.9 % 30-50 nm silica-coated, nanopowder
ZnO-124	zinc oxide microparticles 99.9 % 200 nm, micropowder

ZnO-13x series

ZnO-130	zinc oxide nanoparticles 99.7 % 20 nm, nanopowder
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ZnO-14x series

ZnO-140	zinc oxide nanowires 99.9 % D < 50 nm L < 200 nm, nanopowder
<u>ZnO-20x series</u>	
ZnO-200	zinc oxide nanoparticles 99.5 % 30-50 nm 20 wt% in water, nanodispersion
ZnO-201	zinc oxide nanoparticles 40-60 nm 40 wt% in water, nanoslurry
ZnO-201-F-CI	zinc oxide nanoparticles 40-60 nm 40 wt% in water, for cosmetics industries, nanoslurry
ZnO-201-F-GI	zinc oxide nanoparticles 40-60 nm 40 wt% in water, for glue industries, nanoslurry
ZnO-201-F-CM	zinc oxide nanoparticles 40-60 nm 40 wt% in water, for conductive materials, nanoslurry
ZnO-202	zinc oxide microparticles 200 nm 50 wt% in water, slurry
ZnO-203	zinc oxide nanoparticles 99.5 % 15-25 nm 20 wt% in water, nanodispersion
ZnO-204	zinc oxide microparticles 99.9 % 200 nm 10-50 wt% in water, dispersion
<u>ZnO-40x series</u>	
ZnO-400	zinc oxide nanoparticles 99 % 20 nm, nanopowder
<u>ZnO-50x series</u>	
ZnO-500	zinc oxide nanoparticles 40 nm 20 wt% in water, nanodispersion

ZnO (AZO): Aluminum-Doped Zinc Oxide Materials

<u>AZO-10x series</u>	
AZO-100	AZO aluminum-doped zinc oxide nanoparticles 99.95 % 20-40 nm ZnO:Al ₂ O ₃ 99:1, nanopowder
<u>AZO-11x series</u>	
AZO-110	AZO aluminum-doped zinc oxide nanoparticles 99.9 % 30 nm ZnO:Al ₂ O ₃ 99:1, nanopowder
<u>AZO-12x series</u>	
AZO-120-98/2	AZO aluminum-doped zinc oxide nanoparticles 99.9 % 50 nm ZnO:Al ₂ O ₃ 98:2, nanopowder
AZO-120-99/1	AZO aluminum-doped zinc oxide nanoparticles 99.9 % 50 nm ZnO:Al ₂ O ₃ 99:1, nanopowder
AZO-120-97/3	AZO aluminum-doped zinc oxide nanoparticles 99.9 % 50 nm ZnO:Al ₂ O ₃ 97:3, nanopowder
<u>AZO-21x series</u>	
AZO-210-20WT	AZO aluminum-doped zinc oxide nanoparticles 99 % 30-50 nm 20 wt% in water light yellow, nanodispersion

ZrB₂: Zirconium Diboride Materials

<u>ZrB₂-10x series</u>	
ZrB ₂ -100	zirconium diboride microparticles 99 % 1 um, micropowder

ZrC: Zirconium Carbide Materials

<u>ZrC-10x series</u>	
ZrC-100	zirconium carbide nanoparticles 99.5 % 30 nm, nanopowder
ZrC-101	zirconium carbide microparticles 99.9 % 800 nm, micropowder
ZrC-102	zirconium carbide microparticles 99.9 % 1-3 um, micropowder

ZrC-103	zirconium carbide microparticles 99.9 % 10 um, micropowder
<u>ZrC-11x series</u>	
ZrC-110	zirconium carbide nanoparticles 97 % 20 nm, nanopowder

ZrO2: Zirconium Oxide Materials

ZrO2-10x series

ZrO2-100	zirconium oxide nanoparticles 99.9 % 5 nm hydrophilic, nanopowder
ZrO2-101	zirconium oxide nanoparticles 99.99 % 25-35 nm, nanopowder
ZrO2-102	zirconium oxide nanoparticles 99.9 % 80 nm, nanopowder
ZrO2-103	zirconium oxide nanoparticles 99.9 % 50 nm monoclinic, nanopowder
ZrO2-104	zirconium oxide nanoparticles 99.9 % 10-20 nm, nanopowder

ZrO2-11x series

ZrO2-110	zirconium oxide nanoparticles 99.9 % 60-80 nm, nanopowder
ZrO2-111	zirconium oxide microparticles 99.9 % 200-600 nm, micropowder
ZrO2-112	zirconium oxide microparticles 99.9 % 1-3 um, micropowder
ZrO2-113	zirconium oxide microparticles 99.9 % 15 um, micropowder

ZrO2-12x series

ZrO2-120	zirconium oxide nanoparticles 99.9 % 5-15 nm, nanopowder
ZrO2-121	zirconium oxide nanoparticles 20-30 nm, nanopowder

ZrO2-13x series

ZrO2-130	zirconium oxide nanoparticles 99.5 % 20 nm, nanopowder
ZrO2-131	zirconium oxide nanoparticles 99.5 % 20 nm, nanopowder
ZrO2-132	zirconium oxide nanoparticles 99.5 % 200 nm, nanopowder
ZrO2-133	zirconium oxide nanoparticles 99.9 % 20 nm, nanopowder

ZrO2-20x series

ZrO2-200	zirconium oxide nanoparticles 20-40 nm square monoclinic 40 wt% in water, nanodispersion
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ZrO2/CeO2 (CSZ): Zirconium Oxide Ceria-Stabilized Materials

CSZ-10x series

CSZ-100	zirconium oxide nanoparticles 99.9 % 50-100 nm ceria-stabilized CeO2 12-15 mol%, nanopowder
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ZrO2/MgO (MSZ): Zirconium Oxide Magnesia-Stabilized Materials

ZrO2/MgO-10x series

ZrO2/MgO-100	zirconium oxide microparticles 99.9 % 800 nm magnesia-stabilized 3 mol%, micropowder
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ZrO2/Y2O3 (YSZ): Zirconium Oxide Yttria-Stabilized Materials

YSZ-10x series

YSZ-100	zirconium oxide nanoparticles 99.9 % 70-80 nm 3YSZ yttria-stabilized Y2O3 3 mol%, nanopowder
YSZ-101	zirconium oxide nanoparticles 99.9 % 70-80 nm 5YSZ yttria-stabilized Y2O3 5 mol%, nanopowder
YSZ-102	zirconium oxide nanoparticles 99.9 % 70-80 nm 8YSZ yttria-stabilized Y2O3 8 mol%, nanopowder
YSZ-103	zirconium oxide microparticles 99.9 % 200-300 nm 3YSZ yttria-stabilized Y2O3 3 mol%, micropowder
YSZ-104	zirconium oxide microparticles 99.9 % 200-300 nm 5YSZ yttria-stabilized Y2O3 5 mol%, micropowder
YSZ-105	zirconium oxide microparticles 99.9 % 200-300 nm 8YSZ yttria-stabilized Y2O3 8 mol%, micropowder
YSZ-106	zirconium oxide microparticles 99.9 % 500 nm 3YSZ yttria-stabilized Y2O3 3 mol%, micropowder
YSZ-107	zirconium oxide microparticles 99.9 % 500 nm 5YSZ yttria-stabilized Y2O3 5 mol%, micropowder
YSZ-108	zirconium oxide microparticles 99.9 % 500 nm 8YSZ yttria-stabilized Y2O3 8 mol%, micropowder

YSZ-11x series

YSZ-110	zirconium oxide nanoparticles 99.9 % 30-50 nm 3YSZ yttria-stabilized Y2O3 3 mol% tetragonal, nanopowder
YSZ-111	zirconium oxide nanoparticles 80 nm 3YSZ yttria-stabilized Y2O3 3 mol%, nanopowder
YSZ-112	zirconium oxide nanoparticles 99.9 % 30-50 nm 5YSZ yttria-stabilized Y2O3 5 mol% tetragonal, nanopowder
YSZ-113	zirconium oxide nanoparticles 80 nm 5YSZ yttria-stabilized Y2O3 5 mol%, nanopowder
YSZ-114	zirconium oxide nanoparticles 99.9 % 30-50 nm 8YSZ yttria-stabilized Y2O3 8 mol% cubic, nanopowder
YSZ-115	zirconium oxide nanoparticles 80 nm 8YSZ yttria-stabilized Y2O3 8 mol%, nanopowder

YSZ-12x series

YSZ-120	zirconium oxide nanoparticles 99.9 % 50 nm 3YSZ yttria-stabilized Y2O3 3 mol%, nanopowder
YSZ-121	zirconium oxide nanoparticles 99.9 % 50 nm 5YSZ yttria-stabilized Y2O3 5 mol%, nanopowder
YSZ-122	zirconium oxide nanoparticles 99.9 % 50 nm 8YSZ yttria-stabilized Y2O3 8 mol%, nanopowder
YSZ-123	zirconium oxide microparticles 99.9 % 1-3 um 3YSZ yttria-stabilized Y2O3 3 mol%, micropowder
YSZ-124	zirconium oxide microparticles 99.9 % 1-3 um 5YSZ yttria-stabilized Y2O3 5 mol%, micropowder
YSZ-125	zirconium oxide microparticles 99.9 % 1-3 um 8YSZ yttria-stabilized Y2O3 8 mol%, micropowder
YSZ-126	zirconium oxide nanoparticles 99.9 % 10 nm 3YSZ yttria-stabilized Y2O3 3 mol%, nanopowder
YSZ-127	zirconium oxide nanoparticles 99.9 % 10 nm 5YSZ yttria-stabilized Y2O3 5 mol%, nanopowder
YSZ-128	zirconium oxide nanoparticles 99.9 % 10 nm 8YSZ yttria-stabilized Y2O3 8 mol%, nanopowder

YSZ-13x series

YSZ-130	zirconium oxide nanoparticles 99.9 % 20-30 nm 3YSZ yttria-stabilized Y2O3 3 mol% tetragonal, nanopowder
YSZ-131	zirconium oxide nanoparticles 99.9 % 20-30 nm 5YSZ yttria-stabilized Y2O3 5 mol% tetragonal, nanopowder
YSZ-132	zirconium oxide nanoparticles 99.9 % 20-30 nm 8YSZ yttria-stabilized Y2O3 8 mol% tetragonal, nanopowder
YSZ-133	zirconium oxide nanoparticles 99.9 % 50 nm 3YSZ yttria-stabilized Y2O3 3 mol%, nanopowder
YSZ-134	zirconium oxide nanoparticles 99.9 % 50 nm 5YSZ yttria-stabilized Y2O3 5 mol%, nanopowder
YSZ-135	zirconium oxide nanoparticles 99.9 % 50 nm 8YSZ yttria-stabilized Y2O3 8 mol%, nanopowder
YSZ-136	zirconium oxide microparticles 99.9 % 300-500 nm 3YSZ yttria-stabilized Y2O3 3 mol%, micropowder
YSZ-137	zirconium oxide microparticles 99.9 % 300-500 nm 5YSZ yttria-stabilized Y2O3 5 mol%, micropowder
YSZ-138	zirconium oxide microparticles 99.9 % 300-500 nm 8YSZ yttria-stabilized Y2O3 8 mol%, micropowder

YSZ-14x series

YSZ-140 zirconium oxide nanoparticles 99.9 % 100 nm 3YSZ yttria-stabilized Y2O3 3 mol%, nanopowder
YSZ-141 zirconium oxide nanoparticles 99.9 % 100 nm 5YSZ yttria-stabilized Y2O3 5 mol%, nanopowder
YSZ-142 zirconium oxide nanoparticles 99.9 % 100 nm 8YSZ yttria-stabilized Y2O3 8 mol%, nanopowder
YSZ-143 zirconium oxide microparticles 99.9 % 10 um 3YSZ yttria-stabilized Y2O3 3 mol%, micropowder
YSZ-144 zirconium oxide microparticles 99.9 % 10 um 5YSZ yttria-stabilized Y2O3 5 mol%, micropowder
YSZ-145 zirconium oxide microparticles 99.9 % 10 um 8YSZ yttria-stabilized Y2O3 8 mol%, micropowder

YSZ-15x series

YSZ-150 zirconium oxide microparticles 99 % 1 um 3YSZ yttria-stabilized Y2O3 3 mol%, micropowder
YSZ-151 zirconium oxide microparticles 99 % 1 um 5YSZ yttria-stabilized Y2O3 5 mol%, micropowder
YSZ-152 zirconium oxide microparticles 99 % 1 um 8YSZ yttria-stabilized Y2O3 8 mol%, micropowder
YSZ-153 zirconium oxide nanoparticles 50 nm 3YSZ yttria-stabilized ZrO2 94 % Y2O3 3 mol%, nanopowder
YSZ-154 zirconium oxide nanoparticles 50 nm 5YSZ yttria-stabilized ZrO2 90 % Y2O3 5 mol%, nanopowder
YSZ-155 zirconium oxide nanoparticles 50 nm 8YSZ yttria-stabilized ZrO2 85 % Y2O3 8 mol%, nanopowder

YSZ-40x series

YSZ-402 zirconium oxide nanoparticles 99.5 % 15-50 nm 8YSZ yttria-stabilized Y2O3 8 mol%, nanopowder