

Elements & Alloys	Single-Element Oxides	Multi-Element Oxides	Compounds
Ag 99.99%, 80-100 nm, metal basis	Al <sub>2</sub> O <sub>3</sub> alpha, 99+%, 80nm	ATO 30nm, 99.95+%	AlN 99.5%, 800nm, Hexagonal
Ag 99.99% , 50-80 nm, w/~0.2% PVP	Al <sub>2</sub> O <sub>3</sub> alpha, 99.9% 135nm	AZO 15nm, high purity 99.99%	AlN 99.5%, 65-75nm, Hexagonal
Ag 99.99%, 50-80 nm, metal basis	Al <sub>2</sub> O <sub>3</sub> alpha, 99.9% 200nm	BaFe <sub>2</sub> O <sub>19</sub> 99.5%, 60nm	AlNC 99.5%, 1-3um
Ag 99.99%, 30-50 nm, w/~0.2% PVP	Al <sub>2</sub> O <sub>3</sub> alpha, 99.9% 300nm	BaCO <sub>3</sub> 99.8%, 800nm	BN 99.8%, 800nm, Hexagonal
Ag 99.99%, 30-50nm, metal basis	Al <sub>2</sub> O <sub>3</sub> alpha, 0.5um, 0.8um, 1um	BaTiO <sub>3</sub> 99.9%, 500nm, Tetragonal	BN 99.8+%, 70-80nm, Hexagonal
Ag 99.99%, 20nm, w/~0.2% PVP	Al <sub>2</sub> O <sub>3</sub> alpha, 60nm, SuperHydrophobic	BaTiO <sub>3</sub> 99.9%, 400nm, Tetragonal	B4C 99.9%, 1-3um
Ag 99.99%, 20nm, metal basis	Al <sub>2</sub> O <sub>3</sub> gamma, 99.99%, 5nm	BaTiO <sub>3</sub> 99.9%, 300nm, Tetragonal	B4C 99+%, 45-55nm, Hexagonal
Ag Dispersion 2 nm, 200ppm	Al <sub>2</sub> O <sub>3</sub> gamma, 99+%, 20nm	BaTiO <sub>3</sub> 99.9%, 200nm, Tetragonal	Cr <sub>3</sub> C <sub>2</sub> 99.7+%, 30-120nm
Ag Dispersion 2 nm, 2000ppm	Al <sub>2</sub> O <sub>3</sub> gamma high purity 99.5% 80nm	BaTiO <sub>3</sub> 99.9%, 100nm Cubic	CrN 99.9%, 1-3um
Ag Dispersion 15nm, 1000ppm	Al <sub>2</sub> O <sub>3</sub> alpha/gamma 99.9% 50nm	BaTiO <sub>3</sub> 99.9%, 50nm, Cubic	HfC 99.9%, 800nm, Cubic
Ag Dispersion 15 nm, 50,000ppm	Al <sub>2</sub> O <sub>3</sub> amorphous 50nm	BaSO <sub>4</sub> Super Grade, 99.5%, 3um	LaB <sub>6</sub> high purity, 99.9%, 1-20um
Ag Doped Antibacterial Nanopowder	Al(OH) <sub>3</sub> 99.9%, 10-20nm, Hydrophilic	CoFe <sub>2</sub> O <sub>4</sub> high purity 99.9%, 30nm	LaF <sub>3</sub> highly dispersible, 20-60nm
Al 99.9%, 800 nm, metal basis	Bi <sub>2</sub> O <sub>3</sub> 99.9%, 80-200nm	ITO 90:10, 99.99+%, 20-70nm	Mg <sub>3</sub> N <sub>2</sub> 99.5%, 40um
Al 99.9%, 100nm, metal basis	CeO <sub>2</sub> 99.97%, 10-30nm	ITO 95:5, 99.99+%, 20-70nm	Mo <sub>2</sub> C 99.9%, 2.5um, Hexagonal
Al 99.9%, 70nm, metal basis	CeO <sub>2</sub> 99.99%, 10nm	MnFe <sub>2</sub> O <sub>4</sub> 98.5%, 60nm	MoS <sub>2</sub> 99.9%, 135nm, Black
Al 99.9%, 40nm, metal basis	CoO 99.7%, 50nm	MnFe <sub>2</sub> O <sub>4</sub> 99.99%, 28nm	MoSi <sub>2</sub> 99.9%, 1-3um
Al 99.9%, 18 nm, laser synthesized	Co <sub>2</sub> O <sub>3</sub> 99.7%, 50nm	MgCO <sub>3</sub> 10nm, 99.5%	NbC 99.9%, 1-3 um
Au 99.99+%, 50-100 nm	Co <sub>3</sub> O <sub>4</sub> high purity, >99.5%, 30-50nm	NiFe <sub>2</sub> O <sub>4</sub> 98%, 30nm	SiC Beta, 99+%, whisker
Au 99.97+%, 28 nm	Co <sub>3</sub> O <sub>4</sub> 99%, 10-30nm	NiFe <sub>2</sub> O <sub>4</sub> 99.99%, 20nm	SiC Beta, 99+%, D50 1-40um
Au 99.95+%, 15 nm	Cr <sub>2</sub> O <sub>3</sub> 99+%, 60nm	Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> 99.995%, 10-30nm	SiC Beta, 99+%, 800nm
Au Dispersion, 14 nm 1000ppm	CuO nanorods, 99.5%, 35x140 New	Ni <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> 99.995%, 40nm	SiC Beta, 99+%, <80nm
Pt Dispersion, 3 nm 1000ppm	CuO high purity, 99.95+%, 25-55nm	SrFe <sub>2</sub> O <sub>19</sub> 99.5%, 60nm	SiC Beta, 99+%, 45-65nm
B 99+%, 1-2um	CuO 99%, <80nm	SrTiO <sub>3</sub> 99.95%, 100nm, Cubic	SiC Beta, 99% 18nm Laser Synthesized
B 99.5+%, 500nm	CuO 99%, 40nm	SrCO <sub>3</sub> 800nm, 99.5%	Si <sub>3</sub> N <sub>4</sub> Amorph. 99%, 15-30nm
Bi 80nm, 99.9%, Metal Basis	Cu <sub>2</sub> O 99.86%, 18nm	Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> YAG, 99.5%, 30nm	Si <sub>3</sub> N <sub>4</sub> Alpha, 99.6%, 400-1200nm
C Diamond, 54.5%, 3-10 nm	Dy <sub>2</sub> O <sub>3</sub> 99.9+%, high purity, 30nm	ZnFe <sub>2</sub> O <sub>4</sub> 98.5%, 10-30nm	Si <sub>3</sub> N <sub>4</sub> Beta, 99.6%, 400-1200nm
C Diamond, >98.3%, 3-10 nm	Er <sub>2</sub> O <sub>3</sub> 99.9%, 10-100nm, Cubic	Zn <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> 99.995%, 40nm	TaC 99+%, 1000 nm, Cubic
C Natural Graphite, 400 nm-1.2 um	Eu <sub>2</sub> O <sub>3</sub> 99.99%, 10-100nm, Cubic	Zn <sub>0.5</sub> Mn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> 99.995% 30-60nm	TiB <sub>2</sub> 98+%, 2-12 um
C Carbon Black & Nanotube Mixed	Fe <sub>2</sub> O <sub>3</sub> alpha, high purity, 99.5+%, 30nm	ZnCO <sub>3</sub> 20nm, 99.5%	TiB <sub>2</sub> 95+%, 58 nm
C Conductive Carbon Black, 150nm (Plant)	Fe <sub>2</sub> O <sub>3</sub> alpha, 98+%, 20-40nm	Nanoparticles nanopowder	TiC 99.9%, 800nm, Cubic
C Porous Carbon, 20-40nm, (Plant)	Fe <sub>2</sub> O <sub>3</sub> gamma highpurity 99.5+%, 20nm		TiC 99+%, 40-60 nm, Cubic
C Porous Carbon, 60-80nm, (Plant)	Fe <sub>2</sub> O <sub>3</sub> gamma, 99%, 20-40nm		TiN 99.2+%, 800 nm, Cubic
C Activated Carbon <100nm (Coconut)	Fe <sub>3</sub> O <sub>4</sub> high purity, 99.5+%, 15-20nm		TiN 99.2+%, 20 nm, Cubic
C Activated Carbon <100nm (Bamboo)	Fe <sub>3</sub> O <sub>4</sub> 98+%, 20-30nm	Nanoparticles Nanopowder	TiNC 99.5%, 1-3um
C Activated Carbon <100nm (Charcoal)	Gd <sub>2</sub> O <sub>3</sub> 99.9%, 10-100nm, Cubic	Nanoparticles Nanopowder	VC 99.9%, 600-800 nm, Cubic
C Activated Carbon & Nanotube Mixed	HfO <sub>2</sub> 99.99%, high purity, 61-80nm	Nanoparticles Nanopowder	WC High purity, 99.95%, 30-100 nm
C Carbon NanoFiber 95%	In <sub>2</sub> O <sub>3</sub> high purity, 99.995%, 20-70nm		WC 99.9%, 55nm
C Graphitized Carbon NanoFiber 99.9%	In(OH) <sub>3</sub> high purity, 99.99%, 20-70nm		WC/Co 40-80 nm, 99.9%
C Graphene Nanopowder 99.5%	La <sub>2</sub> O <sub>3</sub> 99.99%, <200nm		WS <sub>2</sub> 99.9+%, 40-80 nm
C Graphene Nanopowder 95%	La <sub>2</sub> O <sub>3</sub> 99.99%, 10-100nm		ZrB <sub>2</sub> 99%, 5 um, Hexagonal

C Graphene Water Dispersion	MgO 99.5%, 600nm; 1000nm		ZrB2 99%, 43 nm, Hexagonal
C Graphene Oxide Water Dispersion	MgO 99+%, 100nm		ZrC 99.9%, 400-1200 nm, Cubic
Co 99.9%, 1.3 um, metal basis	MgO 99+%, 60nm		ZrC 99+%, 20 nm, Cubic
Co 99.8%, 28 nm, partially passivated	MgO high purity, 99.95%, 50nm		ZrN 99.9%, 3 um, Cubic
Co 99.8%, 28 nm, carbon coated	MgO 99+%, 40nm		ZrH2 99%, 1-5um
Cr 99.9%, 35-45 nm, metal basis	MgO 99+%, 20nm		ZrSi2 99%, 75um
Cu Nano Copper Wire 99.5% metal basis	Mg(OH)2 99%, 10nm		WC:TiC/50:50 3um Powder
Cu 99.9%, 800 nm, metal basis	MgCO3 10nm, 99.5%		WC:TiC:TaC/50:30:20 3um Powder
Cu 99.9%, 580 nm, metal basis	MoO3 99.94+%, high purity, 13-80nm		TaC:NbC/90:10 3um Powder
Cu 99.9%, 90-250 nm, metal basis	Mn2O3 99.2%, 30nm		Nanoparticles, Nanoparticles
Cu 99.9%, 100nm, metal basis	Nd2O3 99.9%, 30-45nm		<b>Functionalized Nanoproducts</b>
Cu 99.9%, 70nm, metal basis	Ni(OH)2 99.98%, 18nm		Ag-Doped Antibacterial Nanopowder
Cu 99.9%, 40 nm, metal basis	NiO 99.98%, 18nm, Cubic		Negative Ion Nanopowder
Cu Cu2O Coated, 99%, 30nm	NiO high purity, 99.5+%, 15-35nm	nanoparticles nanopowder	Antistatic Nanopowder
Cu Partially Passivated, 99.8%, 25nm	NiO 99%, 10-20nm	nanoparticles nanopowder	UV Shielding Nanopowder
Cu Carbon Coated, 99.8%, 25 nm	Pr6O11 99.9%, 15-55nm		Far-infrared Nanopowder
Fe 99.9%, 800 nm	Pr6O11 99.9%, 10-100nm		Wear-resistant Nanopowder
Fe 99.5+%, 95-105 nm, metal basis	Sb2O3 99.9%, 80-200nm		CNTs (10wt%)-Mica
Fe 99.5+%, 65-75 nm, metal basis	SiO2 99%, 0.4um; 1um		CNTs (10wt%)-TiO2
Fe 99.5+%, 35-45 nm, metal basis	SiO2 99.5+%, Nonporous, 15-20nm		CNTs (20wt%)-TiO2
Fe 99.5%, 25 nm, partially passivated	SiO2 99.5+%, Porous, 15-20nm		CNTs (33.3wt%)-Black Carbon
Fe 99.5%, 25 nm, carbon coated	SiO2 98+%, 60-70nm		CNTs - Activated Carbon
In 99.99%, 80 nm, tetragonal	SiO2 99+%, 20-30nm		CNTs (20wt%)-Polystyrene Microspheres
Mo 99.9%, 35-45 nm, metal basis	SiO2 20-30nm, KH570 coated		CNTs (20wt%)-PP
Mg 99.9%, 40 um, metal basis	SiO2 20-30nm, KH550 coated		CNTs (20wt%)-HDPE
Mn 99.9%, 40 um, metal basis	SiO2 15nm, Silane coated		CNTs (20wt%)-LLDPE
Nb 99.9%, 40 um, metal basis	Sm2O3 99.95%, 15-45nm		CNTs (20wt%)-HIPS
Ni 99.9%, 800 nm, metal basis	SnO2 99.7%, 35-55nm		CNTs (4wt%)-Thermal Radiation Coating
Ni 99.9%, 100 nm, metal basis	SnO2 99.99%, 18nm		
Ni 99.9%, 70 nm, metal basis	SnO2 99.9%, 450nm		
Ni 99.9%, 40 nm, metal basis	Tb4O7 99.99%, 10-100nm, Cubic		
Ni 99.9%, 20 nm, partially passivated	TiO2 anatase, 99.5% 5nm		
Ni 99.9%, 20 nm, carbon coated	TiO2 anatase, 99.5% 15nm		
Si 99.9%, 1-3 um, Polycrystalline	TiO2 anatase, 99+%, 10-25nm		
Si 99+%, 100nm, Nanopowder&Nanowire	TiO2 anatase, high purity, 99.98% 30nm		
Si 98+%, <80 nm, Laser Synthesized	TiO2 anatase, 99.5% 40nm		
Si 98+%, 50-70 nm, Laser Synthesized	TiO2 anatase, doped with 5.8wt% W		
Si 98+%, 30-50 nm, Laser Synthesized	TiO2 anatase, 99.9%, 1500nm		
Si 98+%, 20-30 nm, Laser Synthesized	TiO2 anatase/rutile, 99+%, 20nm		
Sn 99.9%, 500nm metal basis	TiO2 rutile, high purity, 99.9+%, 30nm		
Sn 99.9%, 300nm, metal basis	TiO2 rutile, high purity, 99.9+%, 50nm		
Sn 99.99%, 60-80nm, metal basis	TiO2 rutile high purity, 99.9+%, 100nm		
S 47nm, high purity 99.99%	TiO2 rutile, high purity, 99.9%, 165nm		
Ta High purity, 99.99%, 50-80 nm	TiO2 rutile, high purity, 99.9%, 300nm		

Ti 99.9%, 70nm, metal basis	TiO2 rutile, high purity, 99.9%, 500nm		
Ti 99.9%, 30-50nm, metal basis	TiO2 rutile, high purity, 99.9%, 1500nm		
W 99.9%, 800 nm, metal basis	TiO2 rutile 30nm, Si coated		
W 99.95+%, 70 nm, metal basis	TiO2 rutile 30nm, Si&Al coated		
W 99.95+%, 40-60 nm, metal basis	TiO2 rutile 30nm silicone oil coated		
Zn 99.9%, 800nm	TiO2 rutile 30nm Al,Si,stearic acid coated		
Zn 99.9%, 500nm	TiO2 rutile (90wt%)-CNTs (10wt%)		
Zn 99.9%, 300nm	TiO2 rutile (80wt%)-CNTs (20wt%)		
Zn high purity, 99.99+%, 95-105 nm	WO3 99.9%, 60nm		
Zn high purity, 99.99+%, 65-75 nm	WO3 99.95%, high purity, 23-65nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Zn high purity, 99.99+%, 35-45 nm	Y2O3 High purity, 99.999%, 20-40nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Zr 99%, 75 um, metal basis	Y2O3 99.99%, 30-45nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Ni-Ti 30-120 nm, Ni:Ti/50:50	Y2O3 99.99%, 10nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Sn-Cu 40-100 nm, Sn:Cu/9:1	ZnO 99.9%, 0.5um, 0.8um, 1um		
Sn-Cu 40-100 nm, Sn:Cu/1:9	ZnO 99.9+%, 80-200nm		
Sn-Cu 40-100 nm, Sn:Cu/92:8	ZnO 99+%, 35-45nm		
Fe-Ni-Co 40-100nm, Fe:Ni:Co/55:28:17	ZnO 99+%, 10-30nm		
Fe-Ni 40-100 nm, Fe:Ni/5:5	ZnO high purity, 99.95%, 18nm	Nanoparticles and nanopowder	Nanoparticles and nanopowder
Fe-Ni 40-100 nm, Fe:Ni/2:8	ZnO Doped with 2wt% Al2O3		
Fe-Cr-Co 40-100nm, Fe:Cr:Co/64:25:11	ZnO 99+%, 20nm, Coated with KH550	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Cu-Zn 40-100 nm, Cu:Zn/5:5	ZnCO3 20nm, 99.5%	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Cu-Zn 40-100 nm, Cu:Zn/6:4	ZrO2 high purity, 99.95%, 20nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Ag-Cu Nanopowder, 99.9%, <100nm	ZrO2-3Y high purity, 99.95%, 20nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Ag-Sn Nanopowder, 99.9%, <100nm	ZrO2-8Y high purity, 99.95%, 20nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Ni-Cr Nanopowder, 99.9% <100nm	ZrO2 99+%, 40nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Ni-Cr-Co Nanopowder, 99.9% <100nm	ZrO2-3Y 99.9%, 40nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Al-Si Nanopowder, 99.9% <100nm	ZrO2-8Y 99.9%, 40nm	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Cr17-Ni14-Mo2-Fe65-Mn1.5 Nanopowder	Zr(OH)4 99.9%, 40nm, Amorphous	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Cu-Ni Nano Alloy Powder	Nanoparticles Nanopowder	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Cu-In Nano Alloy Powder	Nanoparticles Nanopowder	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Ag-In Nano Alloy Powder	Nanoparticles Nanopowder	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Cu-In-Ga Nano Alloy Powder	Nanoparticles Nanopowder	Nanoparticles Nanopowder	Nanoparticles Nanopowder
Cu-In-S Nano Alloy Powder	Nanoparticles Nanopowder	Nanoparticles Nanopowder	Nanoparticles Nanopowder