



PLATONIC NANOTECH PRIVATE LIMITED'S PRODUCT LIST

GRAPHENE NANOPOWDER				
Code	PRODUCT NAME	Formula	APS	PURITY
PNPL-G01	Graphene [Lab Grade]	C	5-10 nm	>99 %
PNPL-G02	Graphene Oxide [Lab Grade]	C	0.5-5 nm	>99 %
PNPL-G03	Reduced Graphene Oxide	C	5-10 nm	>99 %
PNPL-G04	Graphene Hydroxyl (OH)	C	2-10 nm	>98 %
PNPL-G05	Graphene Carboxyl (COOH)	C	2-10 nm	>98 %
PNPL-G06	Graphene Amine (NH ₂)	C	2-10 nm	>98 %
PNPL-G07	Graphene Dispersion [Water]		Up to 3%	
PNPL-G08	Graphene Dispersion [Solvent]		Up to 3%	
PNPL-G09	Natural Graphite Powder		400 mesh	

CARBON NANOTUBES				
Code	PRODUCT NAME	Formula	APS	PURITY
PNPL-C01	Multi Walled Carbon Nanotubes	C	10-20 nm	97%
PNPL-C02	MWCNT- HYDROXYL [OH]	C	5-20 nm	>98 %
PNPL-C03	MWCNT-CARBOXYL [COOH]	C	5-20 nm	>98 %
PNPL-C04	MWCNT- AMINE [NH ₂]	C	5-20 nm	>98%
PNPL-C05	Single Walled Carbon Nanotubes	C	1-5 nm	> 94 %
PNPL-C06	SWCNT- HYDROXYL [OH]	C	1-5 nm	> 97 %
PNPL-C07	SWCNT- CARBOXYL [COOH]	C	1-5 nm	> 97 %
PNPL-C08	SWCNT- AMINE [NH ₂]	C	1-5 nm	> 97 %
PNPL-C09	CNT- Dispersion [Water & solvent]		Up to 3%	

METAL NANOPARTICLES/NANOPOWDER COMPOSITES				
Code	PRODUCT NAME	Formula	APS	PURITY
PNPL-100	CdSe/ZnS Core Shell Quantum Dots (520)	CdSe/ZnS	20-30 nm	99.90%
PNPL-101	ZnSe/ZnS Quantum Dots	ZnSe/ZnS	10-20 nm	99.90%
PNPL-102	CdS/ZnS Quantum Dots	ZnSe/ZnS	20-30 nm	99.90%
PNPL-103	CdSe/ZnS Core Shell Quantum Dots (620)	CdSe/ZnS	20-30 nm	99.90%



METAL OXIDE NANOPARTICLES/NANOPOWDER				
Code	PRODUCT NAME	Formula	APS	PURITY
PNPL-001	Aluminium oxide Nanoparticles	Al ₂ O ₃	30-50 nm	99.90%
PNPL-002	Aluminium oxide Nanoparticles	Al ₂ O ₃	80-100 nm	99.90%
PNPL-003	Aluminium oxide Nanoparticles	Al ₂ O ₃	200 nm	99.90%
PNPL-004	Aluminium oxide Nanoparticles	Al ₂ O ₃	300 nm	99.90%
PNPL-005	Aluminium oxide Nanoparticles	Al ₂ O ₃	500 nm	99.90%
PNPL-006	Aluminium oxide Nanoparticles	Al ₂ O ₃	1000 nm	99.90%
PNPL-007	Bismuth Oxide Nanopowder	Bi ₂ O ₃	80-100 nm	99.90%
PNPL-008	Cadmium Oxide Nanopowder	CdO	20-30 nm	99.90%
PNPL-009	Chromium Oxide Nanoparticles	Cr ₂ O ₃	40-60 nm	99.90%
PNPL-010	Cerium Oxide Nanopowder	CeO ₂	20-30 nm	99.90%
PNPL-011	Cobalt oxide Nanoparticles	Co ₃ O ₄	20-30 nm	99.90%
PNPL-012	Cobalt oxide Nanoparticles	Co ₃ O ₄	30-50 nm	99.90%
PNPL-013	Copper Oxide Nanoparticles	CuO	20-30 nm	99.90%
PNPL-014	Copper Oxide Nanoparticles	CuO	30-50 nm	99.90%
PNPL-015	Copper Oxide Nanoparticles	CuO	50-100 nm	99.90%
PNPL-016	Cuprous Oxide Nanopowder	Cu ₂ O	10-20 nm	99.90%
PNPL-017	Dysprosium oxide Nanoparticles	Dy ₂ O ₃	20-30 nm	99.90%
PNPL-018	Erbium Oxide Nanoparticles	Er ₂ O ₃	50-100 nm	99.90%
PNPL-019	Iron Oxide Nanoparticles [Alpha]	Fe ₂ O ₃	20-30 nm	99.50%
PNPL-020	Iron Oxide Nanoparticles [Alpha]	Fe ₂ O ₃	30-50 nm	99.50%
PNPL-021	Iron Oxide Nanoparticles [Gamma]	Fe ₂ O ₃	30-50 nm	99.50%
PNPL-022	Iron Oxide Nanoparticles	Fe ₂ O ₃	20-30 nm	99.50%
PNPL-023	Gadolinium Oxide Nanoparticles	Gd ₂ O ₃	50-100 nm	99.90%
PNPL-024	Hafnium Oxide Nanoparticles	HfO ₂	50-80 nm	99.90%

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PNPL-025	Indium oxide Nanoparticles	In ₂ O ₃	20-30 nm	99.90%
PNPL-026	Lanthanum Oxide Nanoparticles	La ₂ O ₃	80-100 nm	99.90%
PNPL-027	Magnesium Oxide Nanopowder	MgO	20-30 nm	99.90%
PNPL-028	Magnesium Oxide Nanopowder	MgO	30-50 nm	99.90%
PNPL-029	Manganese Oxide Nanopowder	Mn ₂ O ₃	30-50 nm	99.90%
PNPL-030	Nickel Oxide Nanoparticles	NiO	10-20 nm	99.90%
PNPL-031	Nickel Oxide Nanoparticles	NiO	30-50 nm	99.90%
PNPL-032	Antimony Oxide Nanoparticles	Sb ₂ O ₃	50-100 nm	99.90%
PNPL-033	Silicon Oxide Nanoparticles	SiO ₂	10-20 nm	99.50%
PNPL-034	Silicon Oxide Nanoparticles	SiO ₂	20-30 nm	99.50%
PNPL-035	Silicon Oxide Nanoparticles	SiO ₂	30-50 nm	99.50%
PNPL-036	Silicon Oxide Nanoparticles	SiO ₂	50-100 nm	99.50%
PNPL-037	Silicon Oxide Nanoparticles	SiO ₂	300 nm	99.50%
PNPL-038	Tin Oxide Nanoparticles	SnO ₂	30-50 nm	99.50%
PNPL-039	Titanium oxide Nanoparticles [Anatase]	TiO ₂	10-20 nm	99.90%
PNPL-040	Titanium oxide Nanoparticles [Anatase]	TiO ₂	30-50 nm	99.90%
PNPL-041	Titanium oxide Nanoparticles [Anatase+ Rutile]	TiO ₂	30-50 nm	99.90%
PNPL-042	Titanium oxide Nanoparticles [Rutile]	TiO ₂	30-50 nm	99.90%
PNPL-043	Titanium oxide Nanoparticles [Rutile]	TiO ₂	50-80 nm	99.90%
PNPL-044	Tungsten Oxide Nanoparticles	WO ₃	40-50 nm	99.90%
PNPL-045	Yttrium Oxide Nanoparticles	Y ₂ O ₃	30-50 nm	99.90%
PNPL-046	Zinc oxide Nanoparticles	ZnO	10-25 nm	99.90%
PNPL-047	Zinc oxide Nanoparticles	ZnO	30-50 nm	99.90%
PNPL-048	Zinc oxide Nanoparticles	ZnO	80-100 nm	99.90%
PNPL-049	Zirconium Oxide Nanopowder	ZrO ₂	30-50 nm	99.90%



METAL NANOPARTICLES/NANOPOWDER				
Code	PRODUCT NAME	Formula	APS	PURITY
PNPL-050	Silver Nanoparticles	Ag	10-20 nm	99.90%
PNPL-051	Silver Nanoparticles	Ag	30-50 nm	99.90%
PNPL-052	Silver Nanoparticles	Ag	50-80 nm	99.90%
PNPL-053	Aluminum Nanoparticles	Al	500-800 nm	99.90%
PNPL-054	Gold Nanoparticles	Au	50-80 nm	99.90%
PNPL-055	Copper Nanoparticles	Cu	20-30 nm	99.90%
PNPL-056	Copper Nanoparticles	Cu	30-50 nm	99.90%
PNPL-057	Iron Nanoparticles	Fe	30-50 nm	99.50%
PNPL-058	Nickel Nanoparticles	Ni	40-50 nm	99.50%
PNPL-059	Tin Nanoparticles	Sn	50-80 nm	99.90%
PNPL-060	Zinc Nanoparticles	Zn	50-80 nm	99.90%
PNPL-061	Titanium Nanoparticles	Ti	50-80 nm	99.90%

METAL NANOPARTICLES/NANOPOWDER COMPOSITES				
Code	PRODUCT NAME	Formula	APS	PURITY
PNPL-062	Antimony Tin Oxide Nanoparticles	$\text{SnO}_2 : \text{Sb}_2\text{O}_3$	30-40 nm	99.90%
PNPL-063	Aluminum Zinc Oxide Nanoparticles	AlZnO	20-40 nm	99.90%
PNPL-064	Cobalt Iron Oxide Nanoparticles	CoFe_2O_4	30-40 nm	99.90%
PNPL-065	Hydroxyapatite Nanoparticles	$\text{Ca}_5(\text{OH})(\text{PO}_4)_3$	20-80 nm	99.50%
PNPL-066	Calcium Carbonate Nanoparticles	CaCO_3	30-50 nm	99.50%
PNPL-067	Indium Tin Oxide Nanoparticles	$\text{In}_2\text{O}_3 : \text{SnO}_2$	20-30 nm	99.90%
PNPL-068	Manganese Iron Oxide Nanoparticles	MnFe_2O_4	30-60 nm	99.50%
PNPL-069	Nickel Cobalt Iron Oxide Nanoparticles	$\text{NiCoFe}_2\text{O}_4$	40-60 nm	99.50%
PNPL-070	Nickel Iron Oxide Nanoparticles	NiFe_2O_4	20-30 nm	99.50%
PNPL-071	Zinc Carbonate Nanoparticles	ZnCO_3	20-30 nm	99.50%
PNPL-072	Zinc Cobalt Iron Oxide Nanoparticles	$\text{ZnCoFe}_2\text{O}_4$	30-50 nm	99.50%
PNPL-073	Zinc Iron Oxide Nanoparticles	ZnFe_2O_4	10-30 nm	99.50%



METAL NANOPARTICLES/NANOPOWDER COMPOND				
Code	PRODUCT NAME	Formula	APS	PURITY
PNPL-074	Aluminum Nitride Nanoparticles	AlN	40-80 nm	99.50%
PNPL-075	Aluminum Nitride Nanoparticles	AlN	1-2 MICRON	99.50%
PNPL-076	Boron Nitride Nanoparticles	BN	40-80 nm	99.50%
PNPL-077	Boron Nitride Nanoparticles	BN	500-800 nm	99.50%
PNPL-078	Boron Nitride Micro Powder	BN	1-5 microns	99.50%
PNPL-079	Boron Carbide Powder	B ₄ C	1-5 microns	99.50%
PNPL-080	Chromium Carbide Nanoparticles	Cr ₃ C ₂	20-90 nm	99.50%
PNPL-081	Cadmium Sulfide Nanoparticles	CdS	10-20 nm	99.50%
PNPL-082	Calcium fluoride Nanoparticles	CaF ₂	20-30 nm	99.50%
PNPL-083	Hafnium Carbide Nanoparticles	HfC	500-800 nm	99.50%
PNPL-084	Magnesium Nitride Powder	Mg ₃ N ₂	20-40 nm	99.50%
PNPL-085	Molybdenum Carbide Powder	Mo ₂ C	1-2 microns	99.50%
PNPL-086	Molybdenum Disulfide Nanoparticles	MoS ₂	80-100 nm	99.50%
PNPL-087	Molybdenum Disilicide Nanopowder	MoSi ₂	100-200 nm	99.50%
PNPL-088	Niobium Carbide Powder	NbC	1-5 microns	99.50%
PNPL-089	Silicon Carbide Nanoparticles	SiC	40-60 nm	99.50%
PNPL-090	Silicon Carbide Nanoparticles	SiC	80-100 nm	99.50%
PNPL-091	Silicon Carbide Nanoparticles	SiC	500-800 nm	99.50%
PNPL-092	Titanium Carbide Nanoparticles	TiC	30-50 nm	99.50%
PNPL-093	Titanium Carbide Nanoparticles	TiC	500-800 nm	99.50%
PNPL-094	Titanium Nitride Nanoparticles	TiN	30-50 nm	99.50%
PNPL-095	Titanium Nitride Nanoparticles	TiN	0.5-1 micron	99.50%
PNPL-096	Tungsten Carbide Nanoparticles	WC	50-100 nm	99.50%
PNPL-097	Tungsten Disulfide Nanoparticles	WS ₂	50-80 nm	99.50%
PNPL-098	Zirconium Carbide Nanoparticles	ZrC	30-50 nm	99.50%
PNPL-099	Zinc Sulfide Nanoparticles	ZnS	50-100 nm	99.50%