■ Indium Oxide

Indium oxide or **Indium Trioxide**, In_2O_3, micron or nano grade powder, with purity of 99.99%, 99.995%, 99.999% and 99.9999%, is mainly for the manufacturing of glass, indium salts, and materials for electronic elements etc.

Formula	In_2O_3
Appearance	Yellowish powder
Molecular weight	277.63
Density	7.18 g/cm^3
Melting Point	2000 °C
CAS No.	1312-43-2

No.	Item		Standard Specification			
1	In_2O_3 ≥		99.99%	99.995%	99.999%	99.9999%
			PCT Max	PPM Max	PPM Max	PPM Max
2	Impurity	Cu	0.002	1	0.5	Upon Request
		Al	0.002	1	-	
		Pb	0.0004	-	0.5	
		Cd	0.0008	1	0.5	
		Sn	0.0007	1	1	
		Ti	0.0003	1	1	
		Fe	0.0015	5	0.5	
		Ni	-	1	0.5	
		Ca	-	5	1	
		Si	-	2	-	
		As/Zn	-	1	-	
		Total	100ppm	50ppm	10ppm	1ppm
3	Size		20μm 95%min	50-80nm	20μm 95%min	-100mesh
4	Packing		1kg in polyethylene bottle with sealed plastic bag outside			

■ High Purity Silicon Oxide

High Purity Silicon Oxide is mainly used to produce elemental silicon, optical glass, optical fiber, czochralski crucible, quartzware machine parts and coating materials. It is also a primary raw material for elctronic components.

Formula	SiO_2
Appearance	Crystal
Molecular weight	60.08
Density	2.648 g/cm^3
Melting Point	1600-1725 °C
CAS No.	7631-86-9

No.	Item	Standard Specification	
1	SiO_2 ≥	99.999%	
2	Impurity PPM Max each	Al/Fe/Pb/Ti/Mg	Cr/Mn/Co/Sn/Na/Ni/Cu/V
		1	0.5
3	Size	-200mesh~+500mesh	
4	Packing	25kgs in a cardboard drum with plastic bag inside	

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