Nano Silicon Oxide

Nano Silicon Dioxide possesses many special characteristics, such as quantum size effect, surface effect, macro-quantum tunnel effect. It is mainly used as new material for catalyst, filters, medicine, electronic package material, FRC, ceramic and pigment etc.

Formula	SiO_2
Appearance	White Powder
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 ≥	99.9%	
2	Impurity PCT Max each	Fe/Ni/K	Ca/Mg/Na/Cu/Mn/Co/Pb/N/S
		0.002	0.001
3	LOI	6.0 % (950 °C, 2h)	
4	Size	7nm, 20nm	
5	Packing	In woven bag with plastic bag inside, 25kgs net	

Tellurium Oxide

Tellurium Dioxide, 99.9%, 99.99%, 99.999% (3N 4N 5N) is practically insoluble in water. It is commonly used in the material for electronic elements, electroplating, anti-corrosive agent and tellurium dioxide crystal TeO_2 for acousto-optical devices features with high optical homogeneity, low light absorption and scattering.

Formula	TeO_2
Appearance	White powder
Molecular weight	159.60
Density	5.67 g/cm^3
Melting Point	733 °C
CAS No.	7446-07-3

No.	Item		Standard Specification		
1	TeO_2 ≥		99.9%	99.99%	99.999%
			PCT Max	PPM Max	PPM max
2	Impurity	Mg	0.001	5	0.5
		Pb	0.003	8	1
		Sb	0.003	5	1
		Al/Bi	0.003	5	0.5
		Cu	0.003	10	0.5
		Ag	0.001	6	1
		Mg/Ni	0.001	5	0.5
		Zn	0.003	10	-
		Ca	0.005	10	1
		Fe	0.015	10	1
		Cd	0.002	8	-
		Si/Se	0.002	5	0.5
3	Size		-200, -325mesh		
4	Packing		2kgs in polyethylene bottle with sealed plastic bag out side		

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