



Chem-Metals & Rare Earth

■ 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	$\text{TeO}_2 \geq$	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			

■ Titanium Oxide



Titanium Oxide is inorganic white pigment with perfect opaqueness, whiteness and brigtness. It is widely used for paint, plastic, printing ink, chemical fiber and rubber. And also applied to produce electronic components such as ceramic capacitors etc.

Formula	TiO_2
Appearance	White Powder
Molecular weight	79.83
Density	4.2g/cm ³
Melting Point	1850°C
CAS No.	13463-67-7

No.	Item	Standard Specification			
1	$\text{TiO}_2 \geq$	99.8%			
2	Impurity PCT Max each	Sr	Ca/Al/Mg	Fe/K/Na	Si
		0.002%	0.003%	0.001%	0.005%
3	Size	D50≤1um			
4	Packing	25kgs in plastic bag with cardboard drum outside			