



TECHNICAL DATA SHEET

ZINC OXIDE WHITE SEAL

Chemical Formula

ZnO

Appearance

White Powder

Chemical Analysis

		Typical	Specification		Test Method
Zinc Oxide	(ZnO)	99.8%	99.8%	Min.	ASTM D3280-85
Moisture Content 110 °C	(MC)	0.09%	0.15%	Max.	ASTM D280-81
Ignition Loss 750 °C	(IL)	0.06%	0.1%	Max.	Gravimetric Test
HCl Insoluble	(HI)	0.03%	0.05%	Max.	Gravimetric Test
Iron	(Fe)	0.0003%	0.0005%	Max.	ASTM D4075-87
Lead	(Pb)	0.0015%	0.0050%	Max.	ASTM D4075-87
Manganese	(Mn)	0.0001%	0.0005%	Max.	ASTM D4075-87
Copper	(Cu)	0.0001%	0.0005%	Max.	ASTM D4075-87
Cadmium	(Cd)	0.0005%	0.0010%	Max.	ASTM D4075-87
Chlorine	(Cl)	0.0075%	0.02%	Max.	Titrimetric Test
Sieve Residue 325 Mesh		0.01%	0.1%	Max.	ASTM D4315-94
Surface Area		4.5	4.0 - 6.0 micron		BET METHOD

Style of Packing

Small packaging	25 kg
Bulk packaging	500 kg 1000 kg (for Granular)

Physical properties

Molecular weight	81.38
Melting point	1970 - 1975 °C
Specific gravity	5.6
Bulk density	0.5 ± 0,1 g/cc

