



HANS CHEMICALS PRIVATE LIMITED

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TECHNICAL DATA SHEET

ZINC OXIDE (White seal)

Zinc Oxide is an inorganic compound with the formula ZnO. ZnO is a white powder that is insoluble in water, and it is widely used as an additive in numerous materials and products.

Zinc Oxide – White seal is manufacture through French Process from Zinc Dross.

Specification:

Sr.No.	Parameters	Units	Test	Specification		
				Method	Min.	Max.
1.	ZnO (as is Basis)	%	Titration	99.50		
2.	Particle Size	u	N/A	0.17	0.3	
3.	Lead as PbO	ppm	AAS	-	500	
4.	Moisture Content	%	N/A		0.2	
5.	Loss On Ignition	%	N/A		0.5	
6.	Nitrogen Surface Area	m ² /gms	BET	3.50	6.0	
7.	Water Soluble Salts	%	N/A		0.1	
8.	Cadmium	ppm	AAS		20	
9.	Copper	ppm	AAS		10	
10	Iron	ppm	AAS		20	
9.	Acid Insoluble	%	N/A		0.1	
10.	Sieve residue on 325 mesh	%	N/A		0.15	

Application Or Use : Zinc Oxide is used in Rubber , Pharmaceuticals, Animal Feed, Lightening Arresters, Electroplating, Lubricants , Catalyst, Glass, Paints & Pigments, Ceramics, Bandage, Ferrites.