



ZINC OXIDE (I. P. GRADE)

PRODUCT SPECIFICATIONS

DESCRIPTION	Off white, fine powder		
FORMULA	ZnO	CAS No.: [1314-13-2]	
MOLECULAR WEIGHT	81.38		
SPECIFICATIONS	Assay as ZnO	w/w min.	99.0 %
	Moisture	w/w max.	0.15 %
	Loss on Ignition (850° C @ 1 hour)	w/w max.	0.25 %
	Lead (Pb)	ppm max.	200
	Iron (Fe)	ppm max.	200
	Copper (Cu)	ppm max.	20
	Cadmium (Cd)	ppm max.	10
	Arsenic (As)	ppm max.	5
	Manganese (Mn)	ppm max.	10
	Sulphur (S)	w/w max.	0.15 %
	Water Solubles	w/w max.	0.5 %
	Insoluble in Conc. HCl	w/w max.	0.15 %
	Specific Gravity		5.4 - 5.7
	Acetic Acid Insoluble	w/w max.	0.30 %
	Sieve Residue (wet) +45 micron	w/w max.	0.15 %
	Packing Density	gm/ml	0.7 - 1.25
PACKAGING	25 kg HDPE bags, 1 MT jumbo bags. Other packings available on request.		
STORAGE	Keep it away from moisture. Store in a dry and well ventilated place.		
MAJOR APPLICATIONS	<ul style="list-style-type: none">• Manufacture of high purity Zinc chemicals such as Sulphate, Chloride, etc.• As a flux for the Ceramic Industry• As supplement in animal feed formulations		