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SHG ZINC OXIDE-TECHNICAL DATA SHEET

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DESCRIPTION & USES

SHG Zinc Oxide is an indirect French Process, statistically controlled zinc oxide produced from zinc metal. This grade is used by the rubber, ceramics, opaque glass, enamels, cosmetics, driers, electronics, paint, animal food, zinc compounds. SHG ZnO is compliance with many heavy metal limit regulations including RoHS, WEEE, SVHC, and Vehicle of Life, and other similar worldwide regulations.

NAME OF PRODUCT : SPECIAL HIGH GRADE ZINC OXIDE (SHG ZnO)
 DESCRIPTION : White or yellowish-white fine powder.
 MOLECULAR WEIGHT : 81.38
 CAS NO. : 1314-13-2

PHYSICAL PROPERTIES

Melting Point (Sublimation) : 1,800°C
 Mean Particle Size : 1.0 μ
 Specific Gravity : 5.6
 Surface Area : 3.5-5.0 m²/g.
 Solubility : Water Insoluble/Acid Soluble/Alkali Soluble

CHEMICAL ANALYSIS

	Range	Nominal
ZnO	min. 99.80%	99.85%
Moisture (H ₂ O)	max. 0.30%	0.10%
Insoluble in HCl	max. 0.05%	0.02%
Lead (Pb)	max. 30ppm	12 ppm
Cadmium (Cd)	max. 5 ppm	2 ppm
Fineness passing 325 mesh (%)	min. 99.90	99.98%

PACKING

25.0 Kgs. (Net Wt.), 1 ply woven bag with PE laminated or FIBC big bags on P.P pallets.

SHELF LIFE

2 year.