



ZINC OXIDE LLC

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TECHNICAL DATA SHEET

ZNO GRADE 500XL

Description

ZNO Grade 500XL is manufactured by French (Indirect) Process with large particle, low surface area, high assay and low impurities.

Uses

This grade is used where low impurities are required and large particle zinc oxide provides benefits in the application, such as in paint and coatings, ceramics, soft ferrites and varistors.

TYPICAL CHEMICAL PROPERTIES

Chemical Analysis (%)	Typical Limit*	Nominal	Test Method
ZnO (Zinc Oxide) dry basis	99.8 min.	99.9	Supplier
Pb (Lead)	0.03 max.	0.01	ASTM D4075
Cd (Cadmium)	0.01 max.	0.005	ASTM D4075
Fe (Iron)	0.006 max.	0.002	ASTM D4075
Loss at 110°C (Moisture)	0.25 max.	0.15	ASTM D280

TYPICAL PHYSICAL PROPERTIES

Surface Area (m ² /g)	2.5 - 3.9	3.3	ASTM D4315
Fineness retained on 325 mesh (%)	0.02 max.	0.01	ASTM D4315
(Fineness passing 325 mesh (%))	99.8 min.	99.99	ASTM D4315

Standard Packaging: 50 lb. net wt. Kraft bags, 48X40 2-way wood pallets 2,500 lb net wt.

Customer specifications supersede above limits. Zinc Oxide LLC (ZNO) can produce zinc oxide to meet specific customer specifications or application requirements. *Two sigma μ (>98%).

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