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TECHNICAL DATA SHEET

ZINC OXIDE GRADE 124G

Description

Our Zinc Oxide product is manufactured by the French (Indirect) Process.

Grade 124G is our harder granulated/pelleted form of our grade 800WSA zinc oxide powder.

Grade 124G replaces grade KADOX 720G.

Uses

This grade is used in the glass, glazes, ceramics, and frit enamel industry and in applications where high bulk density and free flow is required.

Grade 124G is not recommended for rubber or other applications where individual crystal dispersion is required.

REPRESENTATIVE CHEMICAL PROPERTIES

Chemical Analysis (%)	Typical Limit	Nominal	Test Method
Zinc Oxide (ZnO) ignited basis	99.7 min	99.9	Supplier (calculation)
Lead (Pb) *	0.005 max	0.002	ASTM D4075
Cadmium (Cd) *	0.005 max	0.0003	ASTM D4075
Iron (Fe)	0.005 max	0.001	ASTM D4075
Copper (Cu)	0.001 max	0.0001	ASTM D4075
Loss at 110°C (moisture)	0.3 max	0.2	ASTM D280

REPRESENTATIVE PHYSICAL PROPERTIES

Screen Test + 10 mesh (%)	5 max	n/a	-
Screen Test - 100 mesh (%)	25 max	10	-
Apparent Density (lbs/ft ³)		> 70	-

* Regular test item for process & product control and included on COA's. Other items for reference only.

Standard Packaging: 50 lb. Kraft paper bags on 2,500 lb net wt. pallet unit, or 2,500 lb FIBC.

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