



ZOCHEM INC.

A SUBSIDIARY OF HUBBAY MINERALS INC.

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ZOCO 103 **ZOCHEM ZINC OXIDE**

FRENCH PROCESS ZINC OXIDE

PRODUCED FROM PRIMARY GRADE ZINC

DESCRIPTION

ZOCO 103 is a large particle size, high purity, zinc oxide excellent for applications where low surface area and low reactivity is required

USES

Rubber, Paint, Ceramics, Chemicals, Adhesives, Lubricants

TYPICAL TECHNICAL VALUES**

CHEMICAL PROPERTIES (%)	MAXIMUM	MINIMUM	TYPICAL
Zinc Oxide (ignited basis)		99.9	99.9
Lead (Pb)	0.0024		0.0015
Cadmium (Cd)	0.0010		0.0003
Copper (Cu)	0.0005		0.0001
Iron (Fe)	0.0005		0.0002
Loss at 100 degrees C	0.15		0.05
PHYSICAL PROPERTIES	MAXIMUM	MINIMUM	TYPICAL
Surface Area (m ² /g)	3.99	n/a	3.50
Particle Size (microns)	n/a	0.27	0.31
Bulk Density (lb/cu. ft)			50
Oil Absorption (ml oil/100g ZnO)			16.0
Screen Test - Through 325 Mesh (%)		99.99	99.995
Specifications			ASTM D-79

**** The above specifications are typical for the noted grade. Zochem will produce material to meet specific customer specifications.**

REVISION 06: January 19, 2010