



ZOCHEM INC.

A SUBSIDIARY OF HUBBAY MINERALS INC.

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ZOCO 172 **ZOCHEM ZINC OXIDE**

FRENCH PROCESS ZINC OXIDE
PRODUCED FROM PRIMARY GRADE ZINC

DESCRIPTION

ZOCO 172 is a propionic acid treated version of the medium particle size grade ZOCO 104.

USES

Rubber, where rapid dispersion is required.

TYPICAL TECHNICAL VALUES**

CHEMICAL PROPERTIES (%)	MAXIMUM	MINIMUM	TYPICAL
Zinc Oxide (ZnO)		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 C	0.15		0.05
Propionic Acid – Added	0.15	0.02	0.10
PHYSICAL PROPERTIES	MAXIMUM	MINIMUM	TYPICAL
Surface Area (m ² /g)	5.49	4.00	4.75
Particle Size (microns)	0.27	0.20	0.23
Bulk Density (lb/cu. ft)			50
Apparent Density (lb/cu. ft)			16
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 08 : January 20, 2010