



ZINC OXIDE – TECHNICAL DATA SHEET GRADE 201

Description & Uses

Grade 201 is an indirect French Process, statistically controlled zinc oxide produced from zinc metal. This grade is used by the rubber, zinc chemicals, electronics, ceramics and other industries where higher purity is required. Grade 201 is in full compliance with many heavy metal limit regulations including European Union RoHS, WEEE, and Vehicle End of Life, and other similar worldwide regulations. Grade 201 is available with surface treatment (201S) and in a pelleted form (201P).

Typical Technical Values*

Chemical Analysis (%)	Range	Nominal	Method
ZnO (Zinc Oxide) dry basis	≥99.6	99.7	USZ(B6/Ph)
Pb (Lead)	≤.015	.01	D4075
Cd (Cadmium)	≤.008	.0015	D4075
Cu (Copper)	≤.005	nil	D4075
Fe (Iron)	≤.005	nil	D4075

Physical Properties

Surface Area (m ² /g)	4.0-6.0	5.0	D4315
Fineness passing 325 mesh (%)	≥99.9	99.98	D4315
Heat Loss/Moisture (%)	<.25	.1	D280
Specific Gravity	N/A	5.6	USZ
Apparent Density (Powder)	20-40	30	USZ
Apparent Density (Pellets)	50-85	70	USZ

Standard packaging in 25 kg paper or 1000 kg FIBC big bags on wood pallets. Standard package weight 50 or 2500 pound for North America shipments. International shipment wood pallets meet treatment requirements. European Union shipment packaging comply with zinc oxide regulation packaging and labeling requirements.

**U.S. Zinc can produce Zinc Oxide to meet individual customer specifications superseding the above. Please contact customer service for additional information.*

Issued 17Apr2008

U. S. ZINC, a Votorantim Metais Company

6020 Navigation Blvd., Houston TX 77011 USA. Phone (001) 713-926-1705, Fax (001) 713-924-4828

Ed.Smith@USZinc.com www2.USZinc.com, www.VMetais.com.br