



ZINC OXIDE

GRADE 210

Description & Uses

Grade 210 is a French Process, statistically controlled zinc oxide produced from zinc metal. This grade is used by the rubber, zinc chemicals, oil additives, tape/adhesives, traffic paint, glass/ceramics, wire insulation, electrogalvanizing, agriculture, and brake lining industries and in those applications where General purpose zinc oxide may be used. Grade 210 is available with surface treatment (210S) and in a pelleted form (210P).

Typical Technical Values*

Chemical Analysis (%)	Range	Nominal	Method
Zinc (as Zn or ZnO)	≥ 99.5	99.7%	USZ
Pb (Lead)	≤ 0.15%	0.1%	D4075
Cd (Cadmium)	≤ 0.025%	0.004%	D4075
Cu (Copper)	≤ 0.006%	nil	D4075
Fe (Iron)	≤ 0.006%	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 (%)	< 0.2%	0.1%	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 50 pound net weight bags on 48x40 wood pallets. 2,500 pounds net weight.

**U.S. Zinc can produce zinc oxide to meet individual customer specifications superseding the above. Please contact Customer Service for additional information.*

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U. S. ZINC

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