



ZINC OXIDE GRADE 205

Description & Uses

Grade 205 is a French Process, statistically controlled zinc oxide produced from zinc metal. This grade is used by the rubber, zinc chemicals, and ceramics industries and in those applications where moderate purity is required. Grade 205 is available with surface treatment (205S) and in a pelleted form (205P).

Typical Technical Values*

Chemical Analysis (%)	Range	Nominal	Method
Zinc (as Zn or ZnO)	≥ 99.5	99.7%	USZ
Pb (Lead)	≤ 0.05%	0.01%	D4075
Cd (Cadmium)	≤ 0.01%	0.002%	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 superceding the above. Please contact Customer Service for additional information.*

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U. S. ZINC

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