



ZINC OXIDE GRADE 205H

Description & Uses

Grade 205H is a small particle size French Process, statistically controlled zinc oxide produced from zinc metal. This grade has a higher surface area and is used by the zinc chemicals, latex, and plastic industries and in applications where higher reactivity and moderate purity are required. Grade 205H is available with surface treatment (205HS) and in a pelleted form (205HS)

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)	6.0 – 8.5	7.0	D4315
Fineness Passing 325 mesh (%)	≥ 99.9%	99.98%	D4315
Heat Loss/Moisture (%)	< 0.3%	0.2%	D280
Specific Gravity	N/A	5.6	USZ
Apparent Density (Powder)	20-40	30	USZ
Oil Absorption (lbs oil/100lbs)	50-85	70	USZ

Standard packaging in 50 pound net weight bags on 48x40 wood pallets. 2,000 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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