



**ZINC OXIDE
GRADE AZO 77H**

Description & Uses

Grade AZO77H is an extremely pure small particle size French Process, statistically controlled zinc oxide produced from zinc metal. AZO77H is used for the manufacture of various chemicals, in the latex, plastic, paint, and coating industries and in those applications where high reactivity and purity is required. Grade AZO77H is available with surface treatment (AZO77HT).

Typical Technical Values*

Chemical Analysis (%)	Range	Nominal	Method
ZnO (Zinc Oxide)	≥ 99.7%	99.8%	USP
Pb (Lead)	≤ 0.005%	0.003%	D4075
Cd (Cadmium)	≤ 0.003%	0.001%	D4075
Cu (Copper)	≤ 0.002%	nil	D4075
Fe (Iron)	≤ 0.002%	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 (lbs./cu. Ft.)	20-40	30	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 superseding the above. Please contact customer service for additional information.*

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U. S. ZINC

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