



## ZINC OXIDE GRADE AZO 77HSA

### Description & Uses

Grade AZO 77HSA is an extremely small particle size French Process, statistically controlled zinc oxide produced from zinc metal. AZO 77HSA was specifically developed for highest reactivity, viscosity, fineness, and purity. This grade is used in latex compounds, plastics, can sealants, paint/coating, zinc chemicals, and in the food can liner coating industry where the extremely fine particles readily convert certain available solubles into white sulfide, thus preventing discoloration of food from sulfides of iron or tin. Grade AZO 77HSA is available with surface treatment (AZO 77HSA-T).

### Typical Technical Values\*

<b>Chemical Analysis (%)</b>	<b>Range</b>	<b>Nominal</b>	<b>Method</b>
ZnO (Zinc Oxide) dry basis	≥99.7	99.8	USZ
Pb (Lead)	≤.005	.003	D4075
Cd (Cadmium)	≤.003	.001	D4075
Cu (Copper)	≤.002	nil	D4075
Fe (Iron)	≤.002	nil	D4075

### Physical Properties

Surface Area (m <sup>2</sup> /g)	8.0-10.0	9.0	D4315
Fineness passing 325 mesh (%)	≥99.9	99.98	D4315
Heat Loss/Moisture (%)	≤.3	.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.*

#### **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](mailto:Ed.Smith@USZinc.com) [www.USZinc.com](http://www.USZinc.com), [www.VMetais.com.br](http://www.VMetais.com.br)