



## ZINC OXIDE GRADE 210E

### Description & Uses

Grade 210E is specifically developed to meet European Union EEA laws 2000/53/EC End of Live Vehicles (ELV Directive), 2002/95/EC Restriction of Hazardous Substances Directive (RoHS) for heavy metals as Decision amended, 2005/717/EC, and 2002/96/EC Waste Electrical and Electronic Directive (WEEE) targets for reducing toxic e-waste.

Grade 210E is a general purpose French Process, statistically controlled zinc oxide produced from zinc metal. This grade is used in a variety of applications including rubber, electronics, zinc chemicals, brake lining, paint, and coatings. Grade 210E is available with surface treatment (210ES) and in a pelleted form (210E-P).

### Typical Technical Values\*

Chemical Analysis (%)	Range	Nominal	Method
Zinc (as Zn or ZnO)	≥ 99.5	99.7%	USZ
Pb (Lead)	≤ 0.1%	0.04%	D4075
Cd (Cadmium)	≤ 0.01%	0.004%	D4075
Cu (Copper)	≤ 0.006%	nil	D4075
Fe (Iron)	≤ 0.006%	nil	D4075

### Physical Properties

Surface Area (m <sup>2</sup> /g)	4.0 – 6.0	5.0	D4315
Fineness Passing 325 mesh (%)	≥ 99.9%	99.98%	D4315
Heat Loss/Moisture (%)	< 0.25%	0.1%	D280
Specific Gravity	N/A	5.6	USZ
Apparent Density (Powder)	20-40	30	USZ
Apparent Density (Pellets)	50-80	70	USZ

Standard packaging in 50 pound net weight Kraft bags on 48x40 2-way 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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