



**ZINC OXIDE  
GRADE 210H**

**Description & Uses**

Grade 210H is a small particle French Process, statistically controlled zinc oxide produced from zinc metal. This grade has a higher surface area and reactivity and is used by the zinc chemicals, latex, and plastic industries. Grade 210H is available with surface treatment (210HS) and in a pelleted form (210HP).

**Typical Technical Values\***

| <b>Chemical Analysis (%)</b> | <b>Range</b> | <b>Nominal</b> | <b>Method</b> |
|------------------------------|--------------|----------------|---------------|
| Zinc (as Zn or ZnO)          | ≥ 99.5       | 99.7%          | USZ           |
| Pb (Lead)                    | ≤ 0.15%      | 0.1%           | D4075         |
| Cd (Cadmium)                 | ≤ 0.025%     | 0.004%         | D4075         |
| Cu (Copper)                  | ≤ 0.006%     | nil            | D4075         |
| Fe (Iron)                    | ≤ 0.006%     | nil            | D4075         |

**Physical Properties**

|                                  |           |        |       |
|----------------------------------|-----------|--------|-------|
| Surface Area (m <sup>2</sup> /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   |
| Apparent Density (Pellets)       | 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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