



PURITY ZINC METALS, LLC

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UltraPure® grades meet ASTM D520 Type III Specification for Zinc Dust Pigment

UP # 515M
PRODUCT SPECIFICATIONS

Total Zinc (% minimum)	99.0 %
Metallic Zinc (% minimum) *	97.0 %
Iron (% maximum) **	0.002 %
Lead (% maximum) **	0.002 %
Copper (% maximum) **	0.001 %
Cadmium (% maximum) **	0.001 %
Zinc Oxide	Bal.
Average Particle Size ***	5.00 – 6.50
+ 100 mesh (150 micron) % maximum ****	0.00 %
+ 200 mesh (75 micron) % maximum	0.10 %
+ 325 mesh (45 micron) % maximum	0.30 %
Specific Gravity	7.00-7.12

Lime (CaO) added on request

- * ASTM Test Method D521, Test Method for Chemical Analysis of Zinc Dust, Titration method.
- ** ASTM Test Method E 536, Test Method for Chemical Analysis of Zinc Dust, AA Spectrophotometer.
- *** ASTM Test Method B 330, Test Method for Fisher Number of Metal Powders & related compounds.
- **** ASTM Test Method B 214, Test Method for Sieve Analysis of Metal Powders.

APPLICATIONS

Organic and inorganic zinc coatings
 Recovery of precious metals
 Thin film mechanical plating and galvanizing

NOTE: Purity Zinc Metals only uses Special High Grade Zinc, which meets the SHG ASTM B6-98 specification, to produce the *UltraPure*® grades of zinc dust. *UltraPure*® grades of zinc dust are manufactured under license from Purity Zinc Metals™ a Division of North American Zinc Company.

We believe the information herein to be reliable but we assume no responsibility for its accuracy. It will be the users responsibility exclusively to determine the suitability for these grades for the product manufactured by the user.