



PURITY ZINC METALS, LLC

498 International Boulevard
 Knoxville, TN
 USA 37620
 931.552.8080
 fax 931.552.8588
 www.purityzinc.com

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

UP515M
PRODUCT SPECIFICATIONS

Property	Specification	Typical
Total Zinc (% minimum)	99	99.4
Metallic Zinc (% minimum)	96	96.8
Iron (% maximum)	0.002	0.0003
Lead (% maximum)	0.002	0.0015
Copper (% maximum)	0.001	0.0005
Cadmium (% maximum)	0.0005	0.0001
Zinc Oxide	Balance	Balance
Average Particle Size*	5.0 - 6.5	5.7
Retained on 100 mesh screen (% max)	Nil	Nil
Retained on 200 mesh screen (% max)	0.1	0.001
Retained on 325 mesh screen (% max)	0.3	0.01
Specific Gravity	7.0 - 7.1	

* Air Permeability Method

APPLICATIONS

- Coatings: Organic and inorganic
- Reducing agent
- Thread compounds
- Precipitating agent
- Purification Applications
- Zinc Plating

NOTE: All Purity Zinc Metals, LLC UltraPure® dusts are produced from 99.995% pure zinc metal. 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.