

Technical Data Sheet

Product: UltraPure[®] Zinc Dust
Product Code: NZD UP #4[®]

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

Property	Min/Max	Specification	Typical
Chemical Properties			
Total Zn	% Min	99.0	99.3
Metallic Zn	% Min	96.0	96.5
Iron	% Max	0.0020	0.0003
Lead	% Max	0.0020	0.0015
Copper	% Max	0.0010	0.0005
Cadmium	% Max	0.0005	0.0001
Zinc Oxide		Balance	Balance
Physical Properties			
Average particle size* (microns)		3.5-5.0	4.5
Sieve +100 mesh	% Max	Nil	Nil
Sieve +200 mesh	% Max	Nil	Nil
Sieve +325 mesh	% Max	0.2	0.05
Specific Gravity		7.0-7.1	

* Air Permeability Method

Applications

Coatings: Organic and Inorganic
Reducing Agent
Threaded Compounds
Precipitating Agent
Purification Applications
Zinc Plating

NOTES:

- All UltraPure[®] dusts are produced from 99.995% pure zinc metal.**
- Numinor Chemical Industries Ltd. is the exclusive distributor outside the America's for UltraPure[®] grades of Zinc Dust manufactured by Purity Zinc Metals[™].

Ref: TDS - NZD UP #4, Version 001, Date: April 2014

