



ZARIN ROOY CASPIAN

Technical Datasheet

Zinc Dust Fine ZRC-46

Our Zinc Dust is extensively used in the manufacturing of industrial coatings and complies with ISO 3549:2024

Properties	Unit	Typical value	Limit	Test Method
Particle size d (0.5)	µm	5.5	4.5-6	Laser diffraction technique
Sieve Residue (45 µm)	% max	0.2	<0.5	ISO 3549
Sieve Residue (75 µm)	% max	nil	<0.1	ISO 3549
Total Zinc	% min	99.0	>98.0	ISO 3549
Metallic Zinc	% min	96.0	>94.0	ISO 3549
Lead (Pb)	% max	0.02	<0.1	ISO 3549
Cadmium (Cd)	% max	0.001	<0.01	ISO 3549
Iron (Fe)	% max	0.004	<0.005	ISO 3549
Arsenic (As)	% max	0.0001	<0.0005	ISO 3549
Chloride (Cl)	% max	0.001	<0.005	ISO 3549
Acid-insoluble	% max	0.02	<0.05	ISO 3549
Color	Bluish gray			
shape	spherical			
Specific Gravity	7-7.1			

The information contained herein has been compiled to the best of Zarin Rooy Caspian's knowledge and is presented without any obligation.

Applications:

- Painting
- Plating
- Chemical Process
- Purification

Packaging:

- Paper bags 25kg
- Metal drums 25-50 kg
- Big bags 250-1000 kg

Storage:

Indoor in a dry ventilated location. To maximize the shelf life and maintain product integrity, do not open the packaging until the material is to be used

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