



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	4-6	Laser diffraction technique
Sieve Residue (45 µm)	% max	0.01	<0.5	ISO 3549
Total Zinc	% min	99.0	>98.0	ISO 3549
Metallic Zinc	% min	95.0	>94.0	ISO 3549
Lead (Pb)	% max	0.02	<0.1	ISO 3549
Cadmium (Cd)	% max	0.001	<0.03	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			Visual
shape	spherical			SEM Technique

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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