



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

| Properties | Unit | Typical value | Limit | Test Method |
|-----------------------|-------------|---------------|---------|-----------------------------|
| Particle size d (0.5) | µm | 5 | 4.5-6 | Laser diffraction technique |
| Sieve Residue (45 µm) | % max | 1 | <4 | ISO 3549 |
| Sieve Residue (90 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 | <0.2 | ISO 3549 |
| Cadmium (Cd) | % max | 0.002 | <0.1 | ISO 3549 |
| Iron (Fe) | % max | 0.003 | <0.05 | 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 |
| Specific gravity | 7.0 – 7.2 | | | ISO 787/10 |

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

Head Office:

Address: No.126, West Sarv Blvd, Saadat Abad, Tehran, Iran
 Phone: (+98)2125902000
 Fax: (+98)2122362410
 Email: info@zrczinc.com
 Website: www.zrczinc.com

Review Date: November 2023



ISO 9001-ISO 14001-ISO45001