

Zinc Powder (Zn)

Zinc Powder, also known as zinc dust, is a fine metallic powder produced primarily through distillation or atomization processes. It is extensively used in protective coatings, chemical synthesis, metallurgy, friction materials, and as a reducing agent in various industrial applications.



1. Typical Chemical Composition (%)

Products	Zn (min.)	Pb (max.)	Fe (max.)	Cd (max.)	Cu (max.)	Other impurities
Standard	98.5	0.15	0.10	0.05	0.005	1.0
High Purity	99.0	0.10	0.08	0.03	0.003	0.7
Super Fine	99.5	0.05	0.05	0.02	0.002	0.4

2. Typical Particle Size

- 325 mesh, 5–45 μm , 10–75 μm
- Custom particle size distributions available upon request

3. Typical Properties

- **Apparent Density:** 2.0 – 3.5 g/cm^3 (grade dependent)
- **Morphology:** Irregular to spherical

4. Packing: 25 kg steel drums / 500 kg big bags

- Other sizes and specifications are available upon request.