

Tin Powder (Sn)

Tin Powder is a high-purity soft metal powder produced through atomization or chemical reduction processes. It is widely used in powder metallurgy, soldering, bearing manufacturing, friction materials, diamond tools, and as an additive in chemical and metallurgical applications.



1. Typical Chemical Composition (%)

Products	Sn (min.)	Pb (max.)	Sb (max.)	Cu (max.)	Fe (max.)	Other impurities
Standard	99.5	0.20	0.05	0.03	0.02	0.20
High Purity	99.8	0.10	0.03	0.02	0.015	0.10
Super Fine	99.9	0.05	0.02	0.01	0.01	0.05

2. Typical Particle Size

- 325 mesh, 10–45 µm, 15–75 µm, 45–150 µm
- Custom particle size distributions available upon request

3. Typical Properties

- **Apparent Density:** 2.5 – 4.2 g/cm³ (grade dependent)
- **Morphology:** Irregular to spherical

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

- Other sizes and specifications are available upon request.