

Bronze Powder (Cu-Sn)

Bronze Powder is a pre-alloyed copper-tin powder produced through atomization. It is widely used in powder metallurgy for self-lubricating bearings, bushings, sintered components, friction materials, diamond tools, and bronze filters.



1. Typical Chemical Composition (%)

Products	Cu	Sn	Pb (max.)	Zn (max.)	Other impurities
Bronze 90/10	88-92	8-11	0.5	0.5	1.0
Bronze 85/15	83-87	13-17	0.5	0.5	1.0
High Purity	Balance	9-11	0.2	0.3	0.5

2. Typical Particle Size

- -100 mesh, -200 mesh, -325 mesh
- 15–45 µm, 45–100 µm

3. Typical Properties

- **Apparent Density:** 2.8 – 4.5 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.