

Stainless Steel Powder

Stainless Steel Powder is a high-alloy powder produced mainly through gas atomization. It offers excellent corrosion resistance, high strength, and good mechanical properties after sintering or additive manufacturing.



1. Typical Chemical Composition (%)

Products	Cr	Ni	Mo	C (max.)	Si (max.)	Mn (max.)	Fe
304	18-20	8-12	-	0.08	1.0	2.0	Balance
316L	16-18	10-14	2.0-3.0	0.03	1.0	2.0	Balance

2. Typical Particle Size

- 15–45 µm, 20–53 µm, 45–100 µm, -325 mesh
- Custom particle size distributions available upon request

3. Typical Properties

- **Apparent Density:** 2.5 – 4.0 g/cm³ (grade dependent)
- **Morphology:** Highly spherical (gas atomized)

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

- Other sizes and specifications are available upon request.