

AISI 304L Stainless Steel Spherical Powder

Formula: Fe/Cr18/Ni10

Maximum Particle Size: 106 μ m

Weight: 500g

Product Shape: Spherical

Production Method: Gas Atomised

UOM Code: 000-897-15

SKU: 1000000123-group

Product Code: FA14-PD-000175

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	58
Tensile strength(MPa)	565

Electrical Properties

Element	Value
Electrical resistivity(μ Ohmcm)	72
Temperature coefficient(K ⁻¹)	-

Thermal Properties

Element	Value
Thermal conductivity(W m ⁻¹ K ⁻¹)	16.2@23°C
Coefficient of thermal expansion(x10 ⁻⁶ K ⁻¹)	17.3@23°C