

Hastelloy® B-3 Spooled Wire

Formula: Ni65/Mo28.5/Cr 1.5/Fe 1.5/(Co + Mn + W) 3.5max

Product Shape: Spooled

Diameter: 0.5mm

Length: 20m

Temper: Annealed

UOM Code: 267-568-60

SKU: 1000113471-group

Product Code: NK25-WR-000150

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	53
Modulus of elasticity(GPa)	216
Tensile strength(MPa)	1000-1200

Thermal Properties

Element	Value
Maximum use temperature in air(C)	400
Melting point(C)	1418
Thermal conductivity(W m ⁻¹ K ⁻¹)	11.2@23°C
Coefficient of thermal expansion(x10 ⁻⁶ K ⁻¹)	10.6@20-100°C

Physical Properties

Element	Value
Density(gcm ⁻³)	9.22