

Haynes® 230 Rod

Formula: Ni62/Cr22/W 14/Mo 2

Diameter: 25.4mm

Length: 50mm

Temper: Annealed

UOM Code: 196-920-41

SKU: 1000078746-group

Product Code: NE05-RD-000130

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	50
Modulus of elasticity(GPa)	211
Tensile strength(MPa)	860

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	125
Temperature coefficient(K^{-1})	-

Thermal Properties

Element	Value
Melting point(C)	1300-1370
Specific heat($\text{J K}^{-1} \text{kg}^{-1}$)	397@23°C
Thermal conductivity($\text{W m}^{-1} \text{K}^{-1}$)	8.9@23°C
Coefficient of thermal expansion($\times 10^{-6} \text{K}^{-1}$)	13@25-200°C

Physical Properties

Element	Value
Density(gcm^{-3})	8.97