2014A Aluminium Rod

2014A Al rod (3.9–5.0% Cu, T6511, 460 MPa) for precision aerospace machined components & medical device parts — excellent machinability & hard anodising. **SKU:** 1000238667-group
Product Code: AH20-RD

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Brinell(HBW)	150
Elongation at break(%)	8
Modulus of elasticity(GPa)	73
Tensile strength(MPa)	460

Electrical Properties

Element	Value
Electrical resistivity(µOhmcm)	4.31

Thermal Properties

Element	Value
Melting point(C)	505-640
Thermal conductivity(W m?¹ K?¹)	155.6
Coefficient of thermal expansion(x10?? K?¹)	23

Physical Properties

Element	Value
Density(gcm?³)	2.8