

CW721R / CZ114 /CW721R

Chemical Properties

Element	Chemical Composition %
Copper (Cu)	57.00 typical
Tin (Sn)	0.75 typical
Lead (Pb)	1.20 typical
Iron (Fe)	0.75 typical
Aluminium (Al)	0.80 typical
Zinc (Zn)	Balance

Mechanical Properties

Property	Value
Proof Stress	200 - 380 MPa
Tensile Strength	450 - 580 MPa
Elongation	30 - 15%
Hardness Vickers	130 to 170 HV

Physical Properties

Property	Value
Density	8.63 g/cm ³
Melting Point	865°C
Modulus of Elasticity	96.5 GPa
Electrical Resistivity	0.090 x 10 ⁻⁶ Ω.m
Thermal Conductivity	88.3 W/m.K

Product Forms

Hexagon Bar

Round Bar

Disclaimer

This data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

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