

CW712R / CZ112 /CW712R

**Chemical Properties**

Element	Chemical Composition %
Copper (Cu)	59.50 - 61.50
Tin (Sn)	0.50 - 1.00
Lead (Pb)	0.20 - 0.60
Zinc (Zn)	Balance

**Mechanical Properties**

Property	Value
Proof Stress	160 - 360 MPa
Tensile Strength	340 - 480 MPa
Elongation	30 - 10%
Hardness Vickers	90 to 150 HV

**Physical Properties**

Property	Value
Density	8.40 g/cm <sup>3</sup>
Melting Point	900°C
Electrical Resistivity	26% IACS / 0.066 X 10 <sup>-6</sup> Ω.m

**Product Forms**

Hexagon Bar

Naval Brass Sheet

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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