

Brass - CW712R / CZ112

Hexagon Bar

Properties

Stock		Chemical Properties											
Size A/F (in)	Weight/m (Kg)	Element	Chemical Composition %										
0.525	1.31	Copper (Cu)	59.50 - 61.50										
0.600	1.71	Tin (Sn)	0.50 - 1.00										
0.710	2.39	Lead (Pb)	0.20 - 0.60										
0.820	3.18	Zinc (Zn)	Balance										
1.200	6.82	Mechanical Properties <table border="1"> <thead> <tr> <th>Property</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Proof Stress</td> <td>160 - 360 MPa</td> </tr> <tr> <td>Tensile Strength</td> <td>340 - 480 MPa</td> </tr> <tr> <td>Elongation</td> <td>30 - 10%</td> </tr> <tr> <td>Hardness Vickers</td> <td>90 to 150 HV</td> </tr> </tbody> </table>		Property	Value	Proof Stress	160 - 360 MPa	Tensile Strength	340 - 480 MPa	Elongation	30 - 10%	Hardness Vickers	90 to 150 HV
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Proof Stress	160 - 360 MPa												
Tensile Strength	340 - 480 MPa												
Elongation	30 - 10%												
Hardness Vickers	90 to 150 HV												
1.300	8.00												
1.480	10.40												
1.860	16.40												
		Physical Properties											
		Property	Value										
		Density	8.40 g/cm ³										
		Melting Point	900°C										
		Electrical Resistivity	26% IACS / 0.066 X 10 ⁻⁶ Ω.m										

Disclaimer

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