

Brass - CW624N / CZ130

Channel

Properties

Stock		Chemical Properties	
Size (in)	Weight/m (Kg)	Element	Chemical Composition %
3/8 x 3/8 x 1/16	0.35	Copper (Cu)	55.0 - 57.0
1/2 x 3/8 x 1/16	0.44	Lead (Pb)	1.60 - 3.00
1/2 x 1/2 x 1/16	0.49	Aluminium (Al)	0.05 - 5.00
5/8 x 5/8 x 1/8	1.15	Zinc (Zn)	Balance
3/4 x 3/4 x 1/16	0.75		
3/4 x 3/4 x 1/8	1.41		
1 x 1 x 1/8	1.95		
2 x 2 x 1/8	2.73		
		Mechanical Properties	
		Property	Value
		Proof Stress	150 - 220 MPa
		Tensile Strength	350 - 420 MPa
		Elongation	20 - 30%
		Hardness Vickers	90 to 120 HV
		Physical Properties	
		Property	Value
		Density	8.44 g/cm ³
		Melting Point	890°C
		Thermal Conductivity	109 W/m.K

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