

Brass - CW712R / CZ112

Naval Brass Sheet

Properties

Stock		Chemical Properties	
Size (in)	Weight/Sheet (Kg)	Element	Chemical Composition %
4ft x 2ft x 3/16	30.95	Copper (Cu)	59.50 - 61.50
4ft x 2ft x 1/4	41.28	Tin (Sn)	0.50 - 1.00
4ft x 2ft x 3/8	61.91	Lead (Pb)	0.20 - 0.60
4ft x 2ft x 1/2	82.55	Zinc (Zn)	Balance
4ft x 2ft x 5/8	103.19		
4ft x 2ft x 3/4	123.83		
4ft x 2ft x 1	165.11		
4ft x 2ft x 1 1/2	247.66		
4ft x 2ft x 2	330.00		
		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 ³
		Melting Point	900°C
		Electrical Resistivity	26% IACS / 0.066 X 10 ⁻⁶ Ω.m

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