

Brass - CW505L / CZ106

Sheet 70/30 Brass

Properties

Stock		Chemical Properties	
Size (mm)	Weight/Sheet (Kg)	Element	Chemical Composition %
2m x 1m x 0.55	9.30	Copper (Cu)	68.5 - 71.5
4ft x 2ft x 24G	3.45	Lead (Pb)	0.05 max
2m x 1m x 0.70	11.80	Iron (Fe)	0.05 max
2m x 1m x 0.90	15.20	Zinc (Zn)	Rem
4ft x 2ft x 20G	5.65	Others	0.30 max
2m x 1m x 1.20	20.30		
4ft x 2ft x 18G	7.54		
2m x 1m x 1.60	27.00		
2m x 1m x 2.00	33.83		
		Mechanical Properties	
		Property	Value
		Proof Stress	130 - 810 MPa
		Tensile Strength	300 - 830 MPa
		Elongation A50mm	55-1%
		Hardness Vickers	65 to 200 HV
		Physical Properties	
		Property	Value
		Density	8.55 g/cm ³
		Melting point	965°C
		Thermal conductivity	121 W/m.K
		Electrical Resistivity	0.062 Ω mm ² /m
		Electrical Conductivity	28% IACS

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