

Copper - C106 Soft / CW024A

Sheet

Stock	Weight/Sheet (Kg)
Size (mm)	
2m x 1m x 0.55	9.79
4ft x 2ft x 24G	3.64
2m x 1m x 0.70	12.50
2m x 1m x 0.90	16.00
4ft x 2ft x 20G	5.95
2m x 1m x 1.20	21.40
4ft x 2ft x 18G	7.94
2m x 1m x 1.50	26.70

Properties

Chemical Properties	
Element	Chemical composition %
Others (Total)	0.0 - 0.10
Copper (Cu)	Balance
Mechanical Properties	
Property	Value
Proof stress	50 - 340 MPa
Tensile strength	200 - 400 MPa
Elongation	5 - 50%
Hardness Vickers	40 to 120 HV
Mechanical properties vary widely according to condition (Soft/HH etc)	
Physical Properties	
Property	Value
Density	8.92 g/cm ³
Melting point	1083°C
Thermal expansion	16.9 x 10 ⁻⁶ /K
Modulus of elasticity	117 GPa
Thermal conductivity	391.1 W/m.K
Electrical resistivity	0.0203 x 10 ⁻⁶ Ω.m

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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