

Copper - C106 HH / 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
4ft x 2ft x 22G	4.63
2m x 1m x 0.90	16.00
4ft x 2ft x 20G	5.95
4ft x 2ft x 18G	7.94
8ft x 4ft x 18G	32.28
2m x 1m x 1.50	26.72
8ft x 4ft x 1.60	42.33
4ft x 2ft x 16G	10.60
8ft x 4ft x 2.00	52.91
2m x 1m x 2.00	35.60
4ft x 2ft x 14G	13.20
2m x 1m x 2.50	44.50
8ft x 4ft x 3.00	79.38
2m x 1m x 3.00	53.40
4ft x 2ft x 10G	21.50
2m x 1m x 4.00	74.00
8ft x 4ft x 4.00	105.83
2m x 1m x 5.0	92.56
2m x 1m x 6.00	111.07

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

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