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MATERIAL DATA SHEET

COPPER 122

Commonly known as:- 122; Phosphorus deoxidised. Available in sheet and tube.
Conforms to AS1432

Typical Applications – Deoxidising with phosphor makes it more weldable and brazable and suitable for use in rainwater goods, tubing and heat exchangers.

Chemical Composition %

Element

Copper	Cu	99.90 min
Oxygen	O	0.04 max
Phosphor	P	0.015 – 0.04

Mechanical Properties

Typical

Ultimate Tensile Strength	245 MPa
Elongation	10 %
Typical Hardness	80 HV
Machinability	20% (free machining brass = 100%)

Similar Specifications

UNS C12200; BSI C106; JIS C1220; ISO Cu DHP

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