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MATERIAL DATA SHEET

COPPER 110

Commonly known as:- 110

Bar products conform to AS1567 and sheet products conform to AS1566.

Typical Applications – has high thermal and electrical conductivity with excellent ductility making it suitable for electrical conductors such as bus bars and machined electrical contacts, terminals and connectors.

Chemical Composition %

Element

Copper	Cu	99.90 min
Oxygen	O	0.04

Mechanical Properties

Typical – half hard

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

Similar Specifications

UNS C11000; BSI C101; JIS C1100; ISO Cu ETP (electrolytic tough pitch)

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