

Copper

NATURAL

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CHARACTERISTICS

Tensile Strength (MPa) 245

Hardness Supplied (HB) 75 - 90

Machinability Rating %

DESCRIPTION

Electrolytic tough Pitch (ETP) copper, alloy 110, has excellent ductility and high electrical, thermal conductivity.

EQUIVALENTS

ASTM	AISI	BS	UNS		Cu	Al	Zn	O
		C101	C11000	MIN	99.9	-	-	-
				MAX	100	-	-	0.04

CHEMICAL ANALYSIS (%)

NOTES

C11000 has excellent corrosion resistance and can be used in underground applications because it resists soil corrosion. Generally resists mineral, fatty and organic acids depending on concentration and specific conditions.

APPLICATIONS

Earthing spikes, other electrical applications, gaskets, connectors, terminals and plumbing or gutters. C11000 has up to 0.04% Oxygen and is therefore subject to hydrogen embrittlement and therefore should NOT be welded.

WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.

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