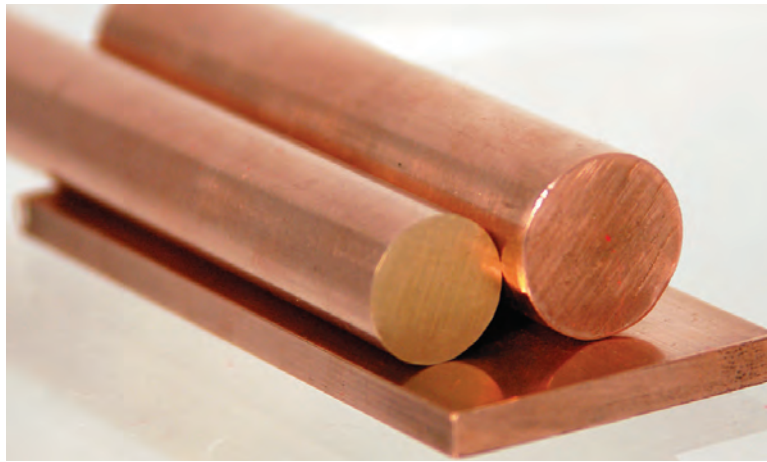


C10100 OXYGEN-FREE ELECTRONIC COPPER (CDA 101)

OFFERED IN ROUND BAR AND PLATE



C10100 Oxygen-Free Electronic Copper is a 99.99% pure copper with 0.0005% oxygen content. C10100 achieves a minimum 101% IACS conductivity rating. This copper is finished to a final form in a carefully regulated, oxygen-free environment. C10100 has High Ductility, High electrical and thermal conductivity and low volatility under high vacuum. Also known as OFE C10100.

TYPICAL USES

Automotive

Automotive Rectifiers

Electrical

Bus Bars, Switchgears, Stab Terminals, Transistor Component Bases, High Resistance-Ratio Cryogenic Shunts, Bus Conductors, Wave Guides, Hollow Conductors, Anodes for Vacuum Tubes, Coaxial Cable, Coaxial Tube, Klystrons, Microwave Tubes, Lead-in Wire, Vacuum Seals, Conductors, Glass-to-Metal Seals, Heat Sinks, Welding Electrodes, Spray Nozzles.

Excellent Conductivity, Excellent Formability, Excellent Ductility.

Resistant to Hydrogen Embattlement.

SIZES AVAILABLE

Round Bar.....1/2" - 8" diameter
Plate.....1/8" - 4"

SIMILAR OR EQUIVALENT SPECS

ASTM B187, ASTM F68, ASTM B152, ASTM B432

CHEMICAL COMPOSITION

	CU ^(1,2,3)	PB	ZN	FE	P
min/max	99.99 min	0.0005	0.0001	0.0010	0.0003
	AG	AS	O	SB	TE
min/max	0.0025	0.0005	0.0005	0.0004	0.0002



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