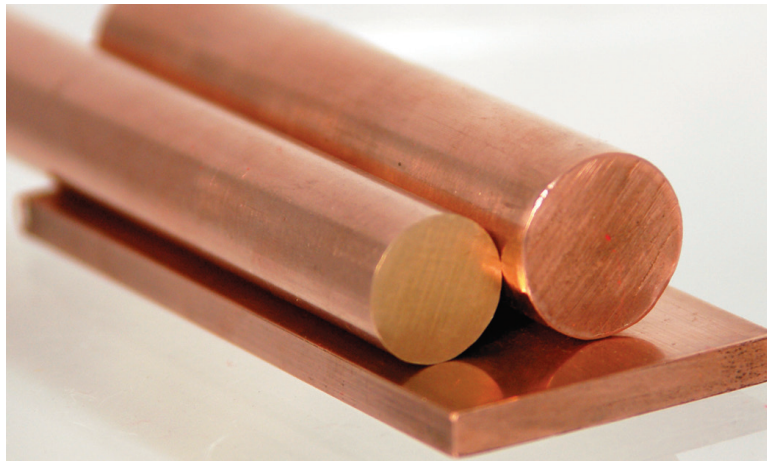


# C10100 OXYGEN-FREE ELECTRONIC COPPER (CDA 101)

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 <sup>(1,2,3)</sup>	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

(1) Oxygen and trace elements may vary depending on the process.

(2) This is a high conductivity copper which has, in the annealed condition a minimum conductivity of 100% IACS.

(3) Cu value includes Ag.



Formerly National Bronze & Metals, Inc.

