

Oxygen Free Copper

General Properties of Oxygen Free Copper

- High electrical and thermal conductivity
- No hydrogen embrittlement
- Good workability
- Good deep drawing
- Good welding & soldering
- Uniform microstructure
- Low content of gas
- Low volatility under high vacuum

Cast Product
Wrought Product
Specification
Chemical Composition

Billet, Hollow Bar, Plate
 Bar, Wire, Hollow Bar, Bus Bar, Plate, Strip
 UNS C10100, UNS C10200
 Cu>99.99%, O₂<5ppm



Billet, Bar



Bus Bar(Water cooled)



Generator parts of power plant



Magnetron anode of a microwave oven



Coil for Induction melting / heating equipment



Bus bar

Silver Bearing Copper

Cast Product
Wrought Product
Specification
Chemical Composition

Billet, Plate
 Bar, Wire, Bus Bar, Flat Bar, Plate, Strip
 UNS C10400, UNS C10700
 Ag>0.027%, Ag>0.085%, O₂<5ppm



Wire for Commutator(0.1% Ag)



Strip for Commutator(0.03% Ag)



Commutator

