

### PRODUCT SPECIFICATION

IMC 312 - LOW-OXYGEN COPPER



#### SIZES

**LOW-OXYGEN COPPER  
NUGGETS & BALLS**

.56" x .5" / 14mm x 12.7mm  
 .56" x .75" / 14mm x 19mm  
 .75" x .75" / 19mm x 19mm  
 1" x 1" / 25mm x 25mm  
 1.375" x 1.5" / 35mm x 38mm  
 19mm / .75" (Balls)  
 25mm / 1.0" (Balls)  
 50mm / 2.0" (Balls)

#### PACKAGING

- 44 lb Boxes / 20 Kg  
2200 lb Pallets / 1000 Kg
- 220 lb Drums / 100 Kg  
1980 lb Pallets / 900 Kg
- 50 lb Pails / 22.7 Kg  
1600 lb Pallets / 726 Kg
- Bulk Packaging Available

Copper <sup>(1)</sup>	99.95 MIN%
Iron	0.003 MAX%
Sulfur	0.003 MAX%
Lead	0.002 MAX%
Antimony	0.002 MAX%
Nickel	0.002 MAX%
Arsenic	0.001 MAX%
Tin	0.002 MAX%
Total Other <sup>(2)</sup>	0.010 MAX%
Oxygen	0.0035 MAX%

(1) Copper includes Silver

(2) Other metallic elements include: Bi, Cd, Mn, Hg, Se, Te, Zn

#### FEATURES

- Hot rolling produces a fine-grained structure.
- Consistent surface area and consistent dissolution.
- Quick-settling characteristics avoid bridging, voids and basket damage. (Balls)
- Perfect for automated chute loading. (Balls)
- For use in any anode basket or tray.
- Special process eliminates precleaning.
- Color-coded, user-friendly packaging.
- Certificate of Analysis issued for every lot.

#### TYPICAL APPLICATIONS

- Ammunition
- Coinage
- Corrosion Protection in Automotive Parts
- Decorative Plating
- Electrical Connectors
- Electronic Components
- Power Distribution Equipment
- Wire Plating

CAS NUMBER: 7440 – 50-8 / MSDS NUMBER: 2007

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