

### PRODUCT SPECIFICATION

IMC 352 - PHOS COPPER  
C12220



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%
Phosphorus	0.040 – 0.065 %

(1) Copper includes Silver and Phosphorus

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

#### SIZES

##### PHOS COPPER BALLS

19mm / .75"  
25mm / 1.00"  
31mm / 1.25"  
40mm / 1.60"  
45mm / 1.80"  
48mm / 1.90"  
50mm / 2.00"  
55mm / 2.20"

#### 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

#### FEATURES

- Hot rolling produces a fine-grained structure.
- Uniform Phos distribution reduces sludging.
- Consistent surface area and consistent dissolution.
- Quick-settling characteristics avoid bridging, voids and basket damage.
- Perfect for automated chute loading.
- 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

- Printed Circuits
- Plated on Plastic Trim
- Decorative Plating
- Electronic Components
- Corrosion Protection in Automotive Parts
- Electrical Connectors
- Power Distribution Equipment
- Ammunition
- Coinage
- Rotogravure Cylinders

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

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