

ACCU-LABS INC.

4831 S. Whipple Avenue
Chicago IL 60632
Phone: 773.523.3100 Fax: 773.523.4008
www.accu-labs.com

A2LA Accredited ISO/IEC 17025:2005 Certificate # 2558.01

COPRITE

For bright copper and brass plating

Introduction

COPRITE is a liquid additive formulated to produce bright deposits from cyanide copper and brass plating solutions. **COPRITE** improves the appearance and brightness over a wide range of current densities and is compatible with almost all existing baths.

Features and Benefits

Bright deposits	Attractive finish for copper and brass
Wide plating range	Useful in both barrel and rack applications
Fine-grained deposit	Less nickel required for full brightness

Operating parameters - Copper plating baths

Copper metal	2.5 - 6.0 oz/gal (4.0 optimum)
Free sodium cyanide	1.0 - 3.0 oz/gal (1.5 optimum)
Caustic soda	0.2 - 1.0 oz/gal (.50 optimum)
Sodium carbonate	2.0 - 10.0 oz/gal (4.0 optimum)
Rochelle salts (or other anode corroder)	As required
COPRITE additive	0.5 - 2.0 % by volume
Temperature	120 - 160 ⁰ F
Cathode current density	5 - 50 amps per square foot
Anode current density	3 - 30 amps per square foot
Agitation (rack plating)	Mechanical preferred

Brass plating bath conditions are similar to copper plating, except for the following:

Zinc metal	0.40 - 0.70 oz/gal (0.50 optimum)
pH (no caustic soda)	9.50 - 10.5
COPRITE additive	0.5 - 1.0 % by volume
Temperature	100 - 120 ⁰ F

Safety and handling

COPRITE is a hazardous material. Read and understand the Material Safety Data Sheet before using this or any other chemical product. Proper handling techniques and chemical hygiene should be observed with this and all chemical products.

Non-warranty

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