

CUPRALOR 200

HIGH EFFICIENCY ALKALINE COPPER PLATING SOLUTION

Colour : **Red copper**

Use : **Bath**

Colour coordinates : **L:84.9**

a:13.0

b:14.7

Product description

CUPRALOR 200 is an alkaline-cyanide copper plating process specially designed for flash or thick deposition. This process is characterised by the considerable compactness and resistance of the galvanic layer, which makes it particularly suitable for preparing surfaces for subsequent acid copper or nickel plating.

Operating conditions

| Parameter | Average suggested value |
|---------------------|---|
| Deposition time | 1200 seconds |
| Temperature | 55 °C |
| Voltage | 2.0 V |
| Current density | 1.0 A/dm ² |
| Cathodic efficiency | 16 mg/Amin |
| Deposition speed | 0.35 u/min |
| Anodes | Copper OFHC "Oxygen Free" or electrolytic |
| Agitation | Moderate |
| Ventilation | Necessary |

Maintenance of plating bath

For small plating solution volumes (up to 10 litres) we suggest to use the bath without replenisher . For higher volumes we suggest to use the related replenisher composing the bath:

- **CUPRALOR 203RA**: add 0.4 ml every 100 Amin
- **CUPRALOR 204WA** : add 0.2 ml every 100 Amin.
- **CUPRALOR 203RB** : add 0.1 ml every 100 Amin
- **CUPRALOR 200SA**: add after analysis.
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Safety Information

Please refer to the safety data sheets for any information regarding safety and disposal (MSDS).

THE PRODUCT CONTAINS CYANIDES

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| Cod.Articles | Description | Colour | Packaging |
|---------------------|--------------------------------------|---------------|------------------|
| RA010105 | CUPRALOR 203RA Depolarizing additive | | 10 L |
| RA010205 | CUPRALOR 204WA wetting agent | | 10 L |
| RA010305 | CUPRALOR 203RB Brightener additive | | 10 L |
| RA010325 | CUPRALOR 200SA Conducting salts | | 10 Kg |