



BRIGHT ACID COPPER PLATING PRODUCTS

Commodity Name

UTBRIGT ACID COPPER PLATING

Bath Composition and Working Conditions

Cupric Sulfate	200 ~ 220 g/L
Pure Sulfuric Acid	55 ~ 70 g/L
Chloride Ion	70 ~ 120 mg/L
Make up Solution UTBRIGH-MU	6 ~ 8mL/L
Brightener UTBRIGH-A	0.4 ~ 0.6ml/L
Brightener UTBRIGH-B	0.4 ~ 0.6ml/L
Temperature	20 ~ 35°C
Cathode Current Density	1 ~ 6 A/dm ²
Anode Current Density	0.5 ~ 2.5 A/dm ²
Anode	Phosphorous copper anode
Electric Voltage	1.5 ~ 6 V
Agitation	Air agitation or mechanical agitation

• Consumption:

Make up Solution UTBRIGH-MU	30 ~ 80 mL/1000A.H
Brightener UTBRIGH-A	60 ~ 100mL/1000A.H
Brightener UTBRIGH-B	30 ~ 80 mL/1000A.H

Application and Advantage

- 1.It has excellent brightening and leveling strength, it is also has good leveling in LCD area.
- 2.It has good covering strength, so that the LCD area seldom be nigrescent or misty.
- 3.The bath solution is stable and is easily controlled.
- 4.The plating layer has well flexibility, corrosion resistance, no pinhole and hard spots.
- 5.The plating layer is clear.
- 6.It can be used in acid copper plating of steel, zinc die cast, plastics, etc.



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