



GUANGZHOU MATEYS CHEMICALS LTD.

CU-550 Acid Copper Plating Brightener

1、 Specifications

- (1) Good leveling and throwing power, high mirror gloss
- (2) Stable solutions
- (3) High tolerance to mix with other acid copper brighteners easily
- (4) Long-term use without harmful decomposition
- (5) Wide range of current density to reach a mirror bright deposit, also high level and gloss in low area
- (6) Strong heat resistance
- (7) Wide range of working temperature to get wonderful gloss even in high temperature
- (8) Strong anti-impurity power against pits, bare spots and foggy
- (9) Easy operation, low consumption

2、 Applications

- (1) Suitable for plating on high-need lighting, various hardware and furniture
- (2) Plastic plating
- (3) Plating with thickness requirements like printing barrels

3、 Composition & Conditions

(1) CuSO_4 & H_2SO_4

Composition	Range	Standard
Cupric sulfate($\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$)	160--230 g/l	200 g/l
Sulfuric acid(H_2SO_4)	50--70 g/l	60 g/l
Cl ions	50--100 mg/l	80 mg/l
CU—550MU	2—8ml/l	6 ml/l
CU—550A	0.3—0.6 ml/l	0.6ml/l
CU—550B	0.4—0.6 ml/l	0.4 ml/l
Cathode current density	1.5—8A/d m ²	
Anode current density	0.5—30 A/d m ²	
Temperature	28°C(18--40°C)	
Agitation	Strong & uniform air agitation	
The anode	Phosphorous copper (Titanium baskets & anode bags)	

(2) Cl ions



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(3) Brighteners

CU—550MU

CU—550A

CU—550B

(4) Temperature

(5) Agitation

(6) Filtration

(7) Cathode current density

Remarks. Pls kindly give us an email for more details.

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