



GUANGZHOU MATEYS CHEMICALS LTD.

## MC622 Cyanide-free Copper Brightener

### 1、 Specifications

- ( 1 ) Suitable for direct Copper plating on Steel or Zinc alloy
- ( 2 ) Cyanide Copper plating replacement
- ( 3 ) Both rack plating & barrel plating
- ( 4 ) Strong binding force, good softening skill
- ( 5 ) Perfect deep plating
- ( 6 ) Easy to set up
- ( 7 ) Stable solution
- ( 8 ) Easy maintenance

### 2、 Composition & Conditions

Composition	Rack	Barrel
Potassium hydroxide(KOH)	90~100g/L	95~120g/L
Cupric sulfate( $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ )	25~30 g/L	25~30g/L
MC622A Startup	20~35ml/L	20~35ml/L
MC622B Additive	110~130 ml/L	120~140ml/L
pH value	9.0~10.5	9.5~11.0
Current	0.5~4A/dm <sup>2</sup>	0.2~2A/dm <sup>2</sup>
Temperature	40~60°C	
Ratio of Cathode and Anode	1:2~3	
The anode	Cathode copper	
Air agitation, Continual filtration		

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

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