



GUANGZHOU MATEYS CHEMICALS LTD.

PCU-1 Copper Pyrophosphate Plating Brightener

1、Specifications

- (1) Direct use easily after 10 times diluted with water
- (2) Low consumption
- (3) Wide applications
- (4) Easy maintenance
- (5) High gloss to fully mirror bright
- (6) Perfect smooth & soft
- (7) 100% current efficiency
- (8) Perfect binding force
- (9) Better to save time & consumption of the next step

2、Composition & Conditions

Composition	Standard	Range
Copper pyrophosphate($\text{Cu}_2\text{P}_2\text{O}_7$)	80 g/L	75~95 g/L
Potassium pyrophosphate($\text{K}_4\text{P}_2\text{O}_7$)	320 g/L	280~350 g/L
Ammonium hydroxide(NH_4OH)	2 m1/L	1~3 m1/L
PCU-1 Brightener	0.2 m1/L	0.2~0.4 m1/L
pH value	8.7	8.5~8.9
P ratio ($\text{P}_2\text{O}_7^{4-}$ / metal Cu)	7	6.6~7.3
Temperature	57 °C	55~60 °C
Anode current density	2 A/ dm ²	1~3.5 A/dm ²
Cathode current density	5 A/ dm ²	1~6 A/dm ²
Agitation	Air agitation	
Anode bags	Must have	
Anode plate	Electrolytic Copper	

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

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