



GUANGZHOU MATEYS CHEMICALS LTD.

500 Micro Porous Nickel Solution

1、 Specifications

- (1) High micro porous up to 20000-40000pcs/scm on the average in 1-min plating
- (2) Special carriers & brighteners
- (3) Soft & bright deposit against discoloration
- (4) Combination system
- (5) Easy solution startup and adjustments
- (6) Match with Nickel brighteners without any wash rinse in the middle
- (7) Little inner stress
- (8) Pass plastics Thermal Cycling Test

2、 Composition & Conditions

Composition	Standard	Range
Nickelous sulfate($\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$)	320g/L	300-350g/L
Nickel chloride($\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$)	60g/L	50-70 g/L
Orthoboric acid(H_3BO_3)	45g/L	40-50 g/L
501 Brightener	0.5ml/L	0.4-0.6ml/L
502 Conditioning agent	1.5ml/L	1-2 ml/L
503 Softener	5ml/L	4-6 ml/L
504 Main additives	2 g/L	0.5-3 g/L
505 Supplements	0.5g/L	0.1-1g/L
pH value	4	3.8-4.2
Temperature	55°C	52-57°C
Cathode current density	4A/dm ²	2-8 A/dm ²
Anode current density	2 A/dm ²	1-4 A/dm ²
Agitation	Air agitation with no-oil-engine compressors	
Time	1 min	0.5-3 min

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

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