



GUANGZHOU MATEYS CHEMICALS LTD.

HNI-10 Semi-bright Nickel Plating Solution

1、 Specifications

- (1) High dispersing & leveling skill for semi-bright plating
- (2) Sulfur free with perfect corrosion resistance
- (3) Perfect under layer of multi-deposit Nickel
- (4) Easy operation to maintain
- (5) Less decomposition
- (6) Perfect match with other semi-bright Nickel

2、 Composition & Conditions

Composition	Standard	Range
Nickelous sulfate($\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$)	300g/L	260-320g/L
Nickel chloride($\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$)	45g/L	40-55g/L
Orthoboric acid(H_3BO_3)	45g/L	40-50g/L
HNI-10A Softener	7ml/L	6-8ml/L
HNI-10B Leveling agent	0.5ml/L	0.4-0.6ml/L
Wetter	2ml/L	1-3ml/L
pH value	4	3.8-4.5
Temperature	60°C	55-65°C
Cathode current density	4.5A/dm ²	2-10A/dm ²
Anode current density	2.2A/dm ²	1-5A/dm ²
Agitation	Air agitation with no-oil-engine compressors	
Filtration	Continual filtration with solution (>2x/h)	

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

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