



GUANGZHOU MATEYS CHEMICALS LTD.

SNI-1 Alkaline Black Sn-Ni Alloy Plating Agent

This additive is mainly use to film Nickel deposits for an elegant black-pearl decorative effort.

1、Specifications

- (1) No cyanogens, no drug & no irritating
- (2) Green production
- (3) Uniform, compact & black deposit
- (4) Wide range of adjustable colors
- (5) Anti-corrossion resistance
- (6) Long-lasting color
- (7) Stable solution
- (8) Easy maintenance
- (9) No-fluorine solution
- (10) Low corrosion
- (11) Wide range of current density
- (12) Both rack & barrel

2、Composition & Conditions

Composition	Range	Perfect
Potassium pyrophosphate($K_4P_2O_7$)	250-300 g/L	280 g/L
Tin(II) chloride dehydrate($SnCl_2 \cdot 2H_2O$)	4-10 g/L	6 g/L
Alkaline Nickel Plating Agent	160-250 ml/L	200 ml/L
Alkaline Conditioning Agent	15-30 ml/L	20 ml/L
Cathode Current Density	0.5-2.0 A/dm ²	1.0 A/dm ²
Temperature	30-55°C	45°C
Plating Time	1-5 min	2 min
pH value	7.0-8.5	7.7
Anode	Carbon Plate	
Ratio (Cathode Area : Anode Area)	1.1-1.2	
Agitating	Cathode Move	
Filtration	Continue filtrate	
Tank	Strengthen PVC or Iron Tank Inner	



GUANGZHOU MATEYS CHEMICALS LTD.

Heater	SiO ₂ or Ti Heating Pen
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Remarks. Pls kindly give us an email for more details.

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