



GUANGZHOU MATEYS CHEMICALS LTD.

## M110 Nickel Rack Plating Solution

### 1、 Specifications

- ( 1 ) Brighter & whiter deposit than the usual barrel & rack
- ( 2 ) Wide range of additions
- ( 3 ) Suitable for standard  $\text{SO}_4^{2-}$  solution & high Cl ions solution
- ( 4 ) Perfect deposit, low inner stress & good extension
- ( 5 ) Special for parts with bended in the post-treatment
- ( 6 ) Uniform thickness
- ( 7 ) Fast brightening & leveling skill

### 2、 Composition & Conditions

| Composition  | Rack               | Barrel                 |
|--|--------------------|------------------------|
| Nickelous sulfate( $\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$ ) | 180-250 g/L        | 250-300 g/L            |
| Nickel chloride( $\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$ )   | 50-60 g/L          | 50-60 g/L              |
| Orthoboric acid( $\text{H}_3\text{BO}_3$ )                     | 40-50 g/L          | 40-50 g/L              |
| M-100A Throwing Agent  | 6-8 ml/L           | 6-10 ml/L              |
| M-100B Brightening Agent                                       | 0.3-0.6 ml/L       | 0.3-0.6 ml/L           |
| DN-01 Wetter   | 1-3 ml/L           | 1-3 ml/L               |
| Temperature  | 50-65 °C           | 50-65 °C               |
| Cathode current density  | 2A/dm <sup>2</sup> | 0.2-4A/dm <sup>2</sup> |
| pH value   | 4.0-4.8            | 3.8-4.5                |

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

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