



GUANGZHOU MATEYS CHEMICALS LTD.

MCR-3600 Cr³⁺ Chrome Plating Additive (Sn-Ni)

The technology is eco without Cr⁶⁺, which match RoHS directives, stable, long life span, easy maintenance and low cost. It is the best choice.

1、Specifications

- (1) Eco without Cr⁶⁺
- (2) Easy post-treatment of waste water
- (3) Uniform & robust
- (4) Perfect coverage skill & uniformity
- (5) No organic
- (6) Perfect tolerance to SO₄²⁻ and Cl⁻
- (7) No bad effect at outage
- (8) Fast deposition speed as Cr⁶⁺
- (9) Special graphite anode to improve quality & stability

2、Composition & Conditions

Composition

Composition	Standard	Range
MCR-3600 Starter	275 g/l	250-300 g/l
MCR-3601 Supplements	175 g/l	150-200 g/l
MCR-3602 Stabilizer	65 ml/g	55-80 ml/l
MCR-3603 Conditioner	3 ml/l	2-5 ml/l
MCR-3604 Corrector	3 ml/l	2-5 ml/l
MCR-3605 Blackening	10 ml/l	5-20 ml/l
MCR-3606 Dispersant	20 ml/l	10-40 ml/l

Conditions

Metal Chrome	20---25 g/l	23 g/l
pH value	2.5---3.5	2.5---3.5
Temperature	25---40℃	29---32℃
Ratio	1.20---1.24	1.22(26 Baume)
Cathode current density	10---22 ASD	16 ASD
Anode current density	2--8 ASD	5 ASD
Area ratio (Anode:Cathode)	1.5---2.0:1	



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Current	Direct current with ripple factor less than 10%
Voltage	9---15V
Deposition speed	0.15-0.25 $\mu\text{m}/\text{min}$ (10.8 ASD)
Filtration	need
Agitation	Meddium air agitation
Exhaustor	Suggest to take

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

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