



GUANGZHOU MATEYS CHEMICALS LTD.

ZN-331 Alkaline Zincate Zinc Plating Agent

1. Specifications

- (1) Robust eco brightener used in Alkaline Zincate Zinc Plating
- (2) High level & dispersing skill
- (3) Uniform deposition
- (4) Perfectly for complex irregular parts
- (5) Perfect ductility
- (6) Wide range of gloss
- (7) Perfect throwing power without any bubble esp. low area
- (8) Soft & tough
- (9) Non metal complexing agent
- (10) Easy waste water treatment with low cost
- (11) Wide range of applications
- (12) Both rack and barrel
- (13) Over 1/3 operating time save in complex parts plating
- (14) Good impurities tolerance like Ca, Mg, Pb, Fe ions

2. Composition & Conditions

Composition	Rack	Barrel
Metal Zinc	11g/L(11—13 g/L)	15 g/L(13—18 g/L)
NaOH	120 g/L(100—140 g/L)	150 g/L(120—180 g/L)
ZN-331A Main Brightener	10ml/L(8—15 ml/L)	10 ml/L(8—15 ml/L)
ZN-331B Throwing Agent	5 ml/L(3—7ml / L)	5 ml/L(3—7ml / L)
ZN-331C Purifier	1 ml/L(0. 5—2.0ml / L)	1 ml/L(1.0—2.0ml / L)
Temperature	25°C(20—50°C)	
Cathode Current Density	Rack: 12 A/dm ² max, Barrel: 0.5—1.5 A/dm ²	
Anode	Steel flake or 99.99% zinc plate (about 30µm Nickel layer)	
Agitation & Filtration	Cathode move in 3-5m/s. Continually agitate for 2-3 cycle/h (if need)	
Voltage Control	Barrel 18V, Rack 12V	

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



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