



Orion Incorporation Limited

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Orion Rhodium Plating Solution

high glossy, good throwing power, easy operation

Make up bath: (preparation of a liter of plating solution rhodium content of 2 g / liter)
For existing bath, only replenisher (ZR-5) to recharge is good enough.

(A) Orion ZMU-2 : 2 g / 100 ml white plating rhodium solution

With 800 ml of pure water + 100 ml Zero Rhodium Solution+ 100 ml of additive solution
Stir slowly for a minute before it is ready to use.

(B) Orion ZMU-2N : 2 g / 100 ml black plating rhodium solution

With 900 ml of pure water + 100 ml Zero Rhodium Solution (no additive required)
Stir slowly for a minute before it is ready to use.

	condition	Optimum condition
Temp(°C)	25-50	40
Voltage	2 - 4V	2 - 4V
Ampere (A/m)	0.5 - 2.5	1
Agitation	Medium to Strong	---
Deposit rate	~0.06 $\mu\text{m}/\text{min}$ (rh 2g/L , at 40 °C)	
Deposit efficiency	~4.3 mg/ A min @ 2 ASD	

Remark: ZMU-2 2g/100ml Orion Rh White for bath make up solution for 1L

ZR-5 5g/100ml Orion Rh White for bath replenisher

ZMU-2N 2g/100ml Orion Rh Black for bath make up solution for 1L