



Metal deposits



Rhodega[®] pure ME 1

Extra white pure rhodium deposits

Rhodega[®] pure ME 1 process is an acidic electrolyte from which brilliant white deposits can be deposited. The layers of Rhodega[®] pure ME 1 have a high hardness and a purity of 99,99 %.

A typical field of application is plating on jewellery, optical frames, watches and electric contacts.



Properties and benefits

- Very white
- Bright deposits
- High hardness
- 99,99% pure
- $L^* = 91, a = +0,5, b = +3$

Application area

- Jewellery
- Laboratory equipment
- Medical equipment
- Contacts

Rhodega pure ME1 E_E

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Technical Data

Electrolyte parameters

Parameter	Range	Optimum
Rhodium	1,0 – 3,0 g/l	2,0 g/l
Temperature	30 – 40°C	35°C
Current density cathodic	0,5 – 2 A/dm ²	
Current density anodic	0,2 – 0,5 A/dm ²	
Agitation	Mechanical, 4cm/sec	
Current efficiency at 1 A/dm ²	10 mg/Amin, 2 g/l Rh, 30 °C	
Deposition rate	0,25 µm in 5 min.	

Deposit characteristics

Purity	99,99%
Specific gravity of the deposit	12,5 g/cm ³
Hardness	800 – 900 Hv ₂₀

Products available

3500100	Rhodega® pure ME 1
3500500	Rhodega® pure ME1 E

FOR ANY FURTHER INFORMATION WE WILL BE PLEASED TO BE AT YOUR DISPOSAL
PERSONALLY UNDER+ 43 (0)2287 71073 OR OFFICE@IWGPLATING.COM

