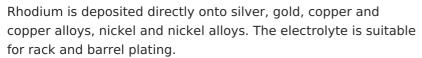




RHODUNA® J1 Rhodium Electrolyte

Brilliant white rhodium electrolyte for decorative applications

RHODUNA® J1 deposits brilliant white, very light and bright surface finishes. This makes the electrolyte ideal for use in decorative applications, such as jewelry, watches or spectacle frames. Special features are its high deposition rate and excellent throw pdf-rowing power. Furthermore, RHODUNA® J1 deposits layers 0.1 - 0.3 μm thick without cracking.





Electrolyte characteristics

Electrolyte type	Strongly acidic
Metal content	2 (1.6 - 2.4) g/l Rh
pH value	< 1
Operating temperature	35 (20 - 40) °C
Current density range	1 A/dm²
Plating speed	0.025 μm/min at 1 A/dm²
Anode material	Pt-Ti (type PLATINODE® Pt/Ti) or MMO (Typ PLATINODE® 187)

Coating characteristics

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Colour of deposit	brillant white	
Purity	99.99 wt.% Rh	
Coating	Rhodium	

Brightness	bright
Hardness of deposit	approx. 800 - 900 HV
Max. coating thickness	approx. 0.3 μm

Advantages

- Extremely light and bright coatings
- Good deposition rate
- Low porosity
- Excellent throw pdf-rowing power
- Layers 0.1 0.3 µm thick without cracking
- Suitable for rack and barrel plating

Applications

- Jewelry
- Watches
- Spectacle frames
- Writing utensils

Your contact person



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