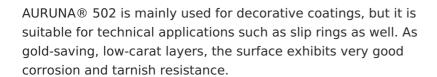




AURUNA® 502 Rose Gold Electrolyte

Neutral, cadmium-free electrolyte for red layers

AURUNA® 502 is a neutral, cadmium-free gold copper electrolyte working without free cyanide. The red surfaces are bright, very hard and abrasion-resistant.



The gold copper electrolyte can be used for rack and barrel plating, it can deposit layers of up to max. 10 μ m in thickness.

Electrolyte characteristics

Electrolyte type	Neutral
Metal content	4 (3.5 - 4.5) g/l Au 3 (2.5 - 3.5) g/l Cu
pH value	7.5 (7.2 - 8.0)
Operating temperature	57 (55 - 60) °C
Current density range	0.5 (0.3 - 0.8) A/dm ²
Plating speed	Approx. 0.15 μm/min at 0.5 A/dm²
Anode material	Pt-Ti (type PLATINODE® Pt/Ti)

Coating characteristics

Coating	Gold-copper
Alloy composition	75 wt.% Au 25 wt.% Cu
Colour of deposit	Red
Brightness	Bright
Hardness	380 - 400 HV

Approx. 15 g/cm³

Advantages

- Gold-saving coatings (approx. 18 ct)
- Cadmium-free
- Red gold-copper layers
- Resistant to tarnishing and corrosion
- Maximum layer thickness approx. 10 μm
- High hardness (380 400 HV), abrasion-resistant
- Suitable for rack and barrel

Applications

- Accessories
- Jewellery
- Watches
- Bathroom fittings
- Lighting
- Spectacle frames
- Writing implements
- Slip rings

Your contact person



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