



Metal deposition



Ruthega[®] pure HS 2

Mirrorbright dark grey ruthenium deposits

Ruthega[®] pure HS 2/0 is an acidic plating electrolyte which produces dark bright ruthenium deposits. Ruthega[®] pure HS 2/0 is mainly used for the deposition of decorative layers for watches, jewellery as well as for the spectacle frame industry.



Properties and Benefits

- Bright deposits
- Dark grey deposit
- Abrasion resistant
- $L^* = 55,5$, $a = +0,5$, $b = +2$

Application area

- Jewellery
- Watches
- Optical frames
- Technical applications

Ruthega pure HS 20_E

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Technical Data

Electrolyte parameters	
Parameter	Range
Specific gravity	6 - 12 °Bé/20°C
pH-Value	< 1
Ruthenium	2 – 5 g/l
Temperature	60 – 63°C
Anodes	Platinized Titanium
Current density cathodic	1,0 – 2,0 A/dm ²
Anode:cathode-ratio	2:1
Current efficiency	Approx. 3 – 6 mg/Amin dependent on Replenisher content

Deposit characteristics	
Appearance	dark grey

Products available

3564800.....	Ruthega® pure HS 2 Make up 3:5
3564700.....	Ruthega® pure HS 2 Ruthenium solution
3565200.....	Ruthega® pure HS 2/O Replenisher
3476100.....	Ruthega® pure HS 2 Wetting agent
3565900.....	Ruthega® pure HS 2 Density correcting salt

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

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