



Metal deposits



Ruthega[®] pure N

Ruthenium deposits from a neutral electrolyte

Ruthega[®] pure N is a neutral plating electrolyte which produces bright ruthenium deposits and is mainly used as corrosion protective layer instead of Palladium, for watches, fashion jewellery as well as for the spectacle frame industry.



Properties and Benefits

- Neutral electrolyte
- Used as Pd substitute
- Good corrosion protection
- Thickness up to 2 μ
- $L^* = 72$, $a = 1$, $b = 4,5$

Application area

- Jewellery
- Optical frames
- Writing utensils

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Technical Data

Electrolyte properties

Parameter	Range	Optimum
Ruthenium	9,0 – 11,0 g/l	10,0
pH-Value	6,5 – 7,5	7,0
Specific gravity	8,0 – 10,0 °Bé	
Temperature	55 – 65 °C	60 °C
Current density	0,5 – 2 A/dm ²	
Anodes	Platinized titanium mesh or mixed oxides	
Anode/cathode-ratio	2:1	
Agitation	Necessary	
Current efficiency	approx. 0,1 µ/min at 1 A/dm ² and 10 g/l Ru	

Deposit characteristics

Appearance..... grey

Products available

3571000	Ruthega® pure N Ready to use
3569100	Ruthega® pure N Ruthenium solution
3569200	Ruthega® pure N Density correcting salt
3571400	Ruthega® pure N Replenisher

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

