



Metal deposits



Aurega[®] pure 220

Bright deposits free of allergens

The goldprocess Aurega[®] pure 220 process is a weak acidic electrolyte from which bright colourconstant deposits with a hardness of approx. 160 HV₂₅ can be deposited. The deposits contain approx. 0,2 – 0,4 % Fe. Because of the absence of nickel and cobalt layers of MC 220 cannot cause any kind of skin allergy.



Properties and benefits

- Colour constant
- Weak acidic
- Easy bathcontrol
- L* = 85,1, a = +8,6, b = +34,8

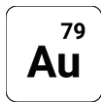
Application area

- Jewellery
- Optical frames
- Watches

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Technical Data

Electrolyte properties		
Parameter	Range	Optimum
Specific gravity	1,050 – 1,100 g/cm ³	
pH-value	4,2 – 4,6	4,4
Gold	4 – 12 g/l	
Iron	50 mg/l	
Temperature	45 °C ± 1°C	
Agitation	4 - 7 cm/sec and filtration	
Current density	2,5 A/dm ² (2 – 6 A/dm ²)	
Anodes	Pt/Ti-Anoden	
Anode/cathode ratio	At least 2:1	
Current efficienc	approx. 45 mg/Amin at 2 A/dm ² and 4 g/l Au	

Deposit characteristics

appearance yellow gold
 Hardness 160 HV₂₅

Products available

3332100 Aurega® pure 220 Make up 3:5
 3332500 Aurega® pure 220 Replenisher
 3332700 Aurega® pure 220 Iron solution
 3332600 Aurega® pure 220 Density correcting salt
 1159400 Potassium gold cyanid 68,2%

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

Aurega pure 220_E

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