

Aurega[®] pure 1114 M

Brilliant, pale, nickel free deposits

The colourgold Aurega[®] pure 1114 M process is a weak acidic electrolyte from which bright colourconstant deposits with a hardness of 220 - 230 HV₂₀ can be deposited. This type of bath is mainly used in the custom jewellery and watchcase industry. Deposits of Aurega[®] pure 1114 M are about 23 kt. Because of the absence of nickel layers of Aurega[®] pure 1114 M cannot cause nickel allergy on the skin.

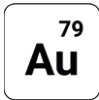


Properties and benefits

- Nickel free
- Very pale deposits
- Approx. 23 ct
- L* = 87,5 a = +3, b = +23

Application area

- Jewellery
- Optical frames
- Watches



Metal deposits



Technical Data

Electrolyte properties

Parameter	Range	
Specific gravity	19 – 21 °Bé/20°C	
pH-Valuet	1,8 – 2,2	
Gold	1,0 – 1,2 g/l	depends on the required colour
Cobalt	8 g/l	
Indium	8 g/l	
Current density	cathodic: Anodic:	approx. 1 – 1,5 A/dm ² Max. 0,5 A/dm ²
Agitation	slow	
Temperature	40 – 50°C	
Current efficiency	Approx. 11 mg/Amin at 1 A/dm ² and 1 g/l Au	

Deposit characteristics

appearance pale gold
 Hardness 220 – 230 Hv₂₀

Products available

3438000M.....	Aurega® pure 1114 M Make up 7:10
3438100M.....	Aurega® pure 1114 M Replenisher
3438301	Aurega® pure 1114 Density correcting salt
3439200	Aurega® pure 1114 Indium solution 50 g/l In
3439300	Aurega® pure 1114 Cobalt solution 50 g/l Co
3426100	Aurega® Gold solution 100
3426300	Aurega® Gold solution 200

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

iwgplating.com



our know-how
is your success