



Metal deposits



Aurega[®] pure

Bath for hard, bright gold deposits

The colourgold process Aurega pure[®] is an acidic electrolyte from which bright colourconstant deposits with a hardness of 140 - 160 HV₂₀ can be deposited. This type of bath is mainly used in the custom jewellery or electronic industry.



Properties and benefits

- High hardness
- Easy bathcontrol
- $L^* = 86, a = +7,5, b = +30$

Application area

- Jewellery
- Electrical contacts
- printed circuits

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Technical Data

Electrolyte properties

Parameter	Range
pH-Value	3,6 – 3,8
Gold	1 - 8 g/l
Temperature	25 – 30 °C
Agitation	approx. 4 cm/sec
Current density	0,5 – 1 A/dm ²
Anodes	Pt/Ti-Anodes
Current efficiency at 1 A/dm ²	approx. 30 mg/Amin, dependent on gold content
Time of exposition at 1 A/dm ² for 1µm	approx. 8 min, dependent on gold content

Deposit characteristics

appearance yellow gold
 hardness 140 – 160 Hv₂₀

Products available

3430900	Aurega® pure Make up 3:5
3431000	Aurega® pure Make up solution
3431A00	Aurega® pure Ready to use
3431600	Aurega® pure Replenisher
3431100	Aurega® pure Density correcting salt
3431200	Aurega® pure pH-Correcting salt
1159400	Potassiumgold cyanide 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

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