



# Aurega<sup>®</sup> pure 112

## Brilliant pale gold deposits

The colourgold Aurega<sup>®</sup> pure 112 process is a weak acidic electrolyte from which bright color constant deposits with a hardness of 220 - 230 HV<sub>25</sub> can be deposited. This type of bath is mainly used for technical applications. Deposits of Aurega<sup>®</sup> pure 112 are about 23 ct.



### Properties and benefits

- Color constant
- Weak acidic
- Approx. 23 carat
- Easy bath control
- $L^* = 84,5$ ,  $a = +2,5$ ,  $b = +16,5$

### Application area

- Technical applications



Metal deposits



## Technical Data

### Electrolyte properties

Parameter	Range	Optimum
Specific Gravity	11 – 13 °Bé/20°C	
pH-Value	2,4 – 2,6	2,5
Gold	0,8 - 1,2 g/l	1,0 g/l
Cathodic current density	approx. 0,5 - 1,5 A/dm <sup>2</sup>	1 A/dm <sup>2</sup>
Anodic current density	Max. 0,5 A/dm <sup>2</sup>	
Temperature	25 - 35 C°	32 °C
Current efficiency	approx. 6,6 mg/Amin at 1A/dm <sup>2</sup> , 1 g/l Au, 32 °C	

### Deposit characteristics

Hardness ..... 220 – 230 HV<sub>25</sub>  
 Appearance..... pale gold, approx. 1 - 2N

### Products available

3403100 ..... Aurega® pure 112 Make up 7:10  
 3403200 ..... Aurega® pure 112 Replenisher 1  
 3403300 ..... Aurega® pure 112 Replenisher 2  
 3403500 ..... Aurega® pure 112 Density correcting salt  
 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](mailto:OFFICE@IWGPLATING.COM)

Aurega pure 112\_E



our know-how  
is your success