



Metal deposits



# Aurega<sup>®</sup> blend Cu 630

## Bright pink deposits

The goldprocess Aurega<sup>®</sup> blend Cu 630 is a cyanide free electrolyte from which an alloy of gold and copper with 18-22 ct can be deposited. The colours are according to the Swiss colour nomenclature approx. 3N – 5N.



### Properties and benefits

- Cyanide free
- Intensive pink
- Easy bathcontrol
- $L^* = 86, a = + 8,5, b = + 14,5$

### Application area

- Jewellery
- Optical frames
- Watches

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## Technical Data

Electrolyte properties		
Parameter	Range	Rated value for 18 ct deposit
pH-value	6,5 – 7,5	7,0
Gold	2,8 – 5,5 g/l	3 g/l
Copper	1,0 – 3,5 g/l	1,7 g/l
Cathodic current density	0,1 – 0,5 A/dm <sup>2</sup>	
Temperature	50 – 60°C	
Agitation	Necessary	
Current efficiency at 0,5 A/dm <sup>2</sup> , 3 g/l Au, 1,7 g/l Cu	42 mg/Amin	
Rate of deposit at 0,5 A/dm <sup>2</sup> , 3 g/l Au, 1,7 g/l Cu	0,2 µm/min	

Deposit characteristics	
Carat.....	18 – 22 kt
Gold content .....	75 – 92%
Copper content .....	8 – 25%
appearance .....	ca. 3N – 5N rouge

## Products available

3413100 .....	Aurega® blend Cu 630 Make up 9:10
3413400 .....	Aurega® blend Cu 630 Wetting agent
3413200 .....	Aurega® blend Cu 630 Replenisher 1
3413300 .....	Aurega® blend Cu 630 Replenisher 2
3413700 .....	Aurega® blend Cu 630 Density correcting solution
1159400 .....	Kaliumgoldcyanid 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](mailto:OFFICE@IWGPLATING.COM)

Aurega blend Cu 630\_E



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