



Metal deposition



Aurega[®] blend Cu 645

Bright deposits in high fineness

The goldprocess Aurega[®] blend Cu 645 is a cyanide free electrolyte from which an alloy of gold and copper, can be deposited. 18 ct. gold deposits are according to the Swiss colour nomenclature approx. 4N – 5N.



Properties and Benefits

- Fast deposition
- Free of cyanide
- Intensive pink
- Easy bath control

Application area

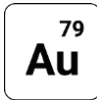
- Jewellery
- Optical frames
- Watches

Aurega blend Cu 645_E

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Technical Data

Electrolyte properties		
Parameter	Range	Optimum
pH-Value	6,5 – 7,5	7,0
Gold	3,0 – 5,0 g/l	4,0 g/l
Copper	2,5 – 3,5 g/l	3,0 g/l
Cathodic current density	0,3 – 1,5 A/dm ²	
Temperature	55 °C	
Agitation	Necessary	
Current efficiency	ca. 45,4 mg/Amin bei 0,5A/dm ² , 4 g/l Au, 3, g/l Cu	
Rate of deposit	ca. 0,15 µm/min bei 0,5A/dm ² , 4 g/l Au, 3 g/l Cu	

Deposit characteristics	
Carat	17 – 19 kt
Gold content.....	70 – 80%
Copper content.....	20 – 30%
Appearance	approx. 4N – 5N rouge

Products available

3416000.....	Aurega® blend Cu 645 Make up 1:1
3416070.....	Aurega® blend Cu 645 Wetting agent
3416050.....	Aurega® blend Cu 645 Replenisher 1
3416060.....	Aurega® blend Cu 645 Replenisher 2
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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