



Metal deposition



Aurega[®] blend Cu 646

Bright deposits in high fineness

The goldprocess Aurega[®] blend Cu 646 is a cyanide free electrolyte from which an alloy of gold and copper, can be deposited. 17 - 20 ct. gold deposits are according to the Swiss colour nomenclature approx. 4N – 5N.



Properties and Benefits

- Fast deposition
- Intensive pink
- Easy bath control

Application area

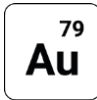
- Jewellery
- Optical frames
- Watches

Aurega blend Cu 646_E

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Metal deposition



Technical Data

Electrolyte properties			
Parameter	Make up 75/25	Make up 80/20	Make up 75/25
pH-Value	6,5 – 7,5	6,5 – 7,5	6,5 – 7,5
Gold	4,0 g/l	5,0 g/l	5,0 g/l
Copper	2,0 g/l	2,0 g/l	2,4 g/l
Cathodic current density	0,5 – 1,5 A/dm ²		
Temperature	60 °C		
Agitation	Necessary		
Current efficiency	approx. 45 mg/Amin at 1A/dm ² , 5 g/l Au, 2,4, g/l Cu		
Rate of deposition	approx. 0,25 µm/min at 1A/dm ² , 5 g/l Au, 2,4 g/l Cu		

Deposit characteristics	
Carat.....	17 – 20 kt
Gold content.....	70 – 83%
Copper content.....	17 – 30%
Appearance.....	approx. 4N – 5N rouge

Products available

3412100.....	Aurega® blend Cu 646 Make up 1:1
3412400.....	Aurega® blend Cu 646 Wetting agent
3412200.....	Aurega® blend Cu 646 Replenisher 1
3412300.....	Aurega® blend Cu 646 Replenisher 2
3412000.....	Aurega® blend Cu 646 Density correcting solution
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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