



Metal deposits



Aurega[®] blend Ag 3030

Bright deposits in 5 carat gold

The gold-silver-bath Aurega[®] blend Ag 3030 is a cyanidic, alkaline electrolyte which produces mirrorbright, yellowish white deposits with a hardness of 220 HV₂₀. This type of process is used for decorative plating in the jewellery as well as optical frame industry. The deposit of Aurega[®] blend Ag 3030 has a goldcontent of about ~ 21 % or about ~ 5 carat.



Properties and benefits

- Cadmium-free due to RoHS
- White-yellowish deposits
- Approx. 5 ct
- $L^* = 96, a = -1, b = +7$

Application area

- Jewellery
- Optical frames
- Watches

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Technical Data

Electrolyte properties		
Parameter	Range	Optimum
Specific gravity new make up	Approx. 2 °Bé/20 °C	
pH-value	10,8 – 11,2	
Gold	1,8 – 2,2 g/l	2 g/l
Silver	5,2 – 5,6 g/l	5,4 g/l
KCN _{free}	30 – 35 g/l	28 g/l
Agitation	Necessary	
Temperature	30 - 45 °C	35 °C
Current density rack	1 – 1,5 A/dm ²	1,5 A/dm ²
Current efficiency at 1,5 A/dm ²	Approx. 75 mg/Amin	
Current efficiency at 1 A/dm ²	Approx. 75 mg/Amin	
Time of exposition for 1 µm at 1,5 A/dm ²	Approx. 1,6 Minuten	
Time of exposition for 1 µm at 1 A/dm ²	Approx. 1,6 Minuten	

Deposit characteristics

Gold content	approx. 21%
Silver content	approx. 79 %
Carats.....	approx. 5 ct
Hardness	approx. 220 HV ₂₀
Appearance.....	whitish-yellowish

Aurega blend Ag 3030_E



Metal deposits



Products available

3410000Aurega® blend Ag 3030 Make up Part A
3410000Aurega® blend Ag 3030 Make up Part B
3410200Aurega® blend Ag 3030 Replenisher 1
3410300Aurega® blend Ag 3030 Replenisher 2
1159400Kaliumgoldcyanid 68,2%
0021200 Kaliumcyanid

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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