

Metal deposits



Aurega[®] pure 240 KP

Colour gold process

The bright gold process Aurega[®] pure 240 KP is a cyanide electrolyte from which yellow gold layers up to 0,2 µm can be deposited.



Properties and benefits

- Deposits with constant colour
- Thickness of the deposit up to 0,2 µ
- Easy bath control
- Good macro throwing power of the electrolyte

Application area

- Bijou Industry

Aurega pure 240 KP_E

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Technical Data

Electrolyte properties		
Parameter	Range	Optimum
Gold	0,9 – 1,0 g/l	1 g/l
pH-value	approx. 11	
KCN _{free}	1 – 2,5 g/l	2 g/l
Temperature	65 °C	
Current density	Min. 5 A/dm ²	
Voltage	approx. 5 – 10 V	
Current efficiency	approx. 4 mg/Amin (depends on gold content, current density and load per liter)	
Deposition speed	approx. 0,2 µm/min	
Deposition time	30 – 60 sec. (0,1 – 0,2 µm)	
Maximum thickness of the deposit	0,2 µm	
Load per liter	10 – 20 cm ² /l	

Please note:

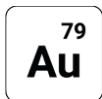
No cathode movement

No bath movement

Deposit characteristics

Appearance..... yellow





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Products available

3491500	Aurega® pure 240 KP Make up salt
3491501	Aurega® pure 240 KP Make up salt, incl. 1 g/l Au
3491502	Aurega® pure 240 KP Ready to use, incl. 1 g/l Au
3491505	Aurega® pure 240 KP Ready to use, without gold
3491505	Aurega® pure 240 KP Replenisher
1159400	Potassium gold 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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