

Metal deposits



# Aurega<sup>®</sup> pure 240 KP 5N/1

## Colour gold process

The bright gold process Aurega<sup>®</sup> pure 240 KP 5N/1 is a cyanide electrolyte from which red gold layers up to 0,2 µm can be deposited. Aurega<sup>®</sup> pure 240 KP 5N/1 is a colour gold process with special hardening additions to raise abrasion resistance.



### Properties and benefits

- Deposits with constant colour
- Hard gold coating
- 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 5N1\_E

our know-how  
is your success

[iwgplating.com](http://iwgplating.com)





Metal deposits



## Technical Data

Electrolyte properties		
Parameter	Range	Optimum
Gold	0,9 – 1,0 g/l	1 g/l
pH-value	8,9 – 9,1	9,0
KCN <sub>free</sub>	1 – 2,5 g/l	2 g/l
Temperature	65 °C	
Voltage	approx. 5 – 10 V	
Current efficiency	approx. 4 - 7 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 <sup>2</sup> /l	

### Please note:

No cathode movement

No bath movement

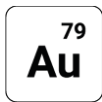
### Deposit characteristics

Appearance.....red, approx. 5 - 6N

iwgplating.com



our know-how  
is your success



Metal deposits



## Products available

3492210 .....	Aurega® pure 240 KP 5N/1 Make up
3492212 .....	Aurega® pure 240 KP 5N/1 Ready to use, incl. 1 g/l Au
3492215 .....	Aurega® pure 240 KP 5N/1 Ready to use without Au
3492216 .....	Aurega® pure 240 KP 5N/1 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

Aurega pure 240 KP 5N1\_E

our know-how  
is your success

[iwgplating.com](http://iwgplating.com)

