



Aurega[®] pure 240 KP 0N

Colour gold process

The bright gold process Aurega[®] pure 240 KP 0N is a cyanide electrolyte from which green-yellow gold layers up to 0,2 µm can be deposited. Aurega[®] pure 240 KP 0N 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
- High fineness (more than 18 carats)

Application area

- Bijou Industry



Metal deposits



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 | |
| 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.....green-yellow, 0N





Metal deposits



Products available

| | |
|---------------|--|
| 3491700 | Aurega® pure 240 KP 0N Make up |
| 3491701 | Aurega® pure 240 KP 0N Make up incl. 1 g/l Au |
| 3491702 | Aurega® pure 240 KP 0N Ready to use incl. 1 g/l Au |

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 0N LE

our know-how
is your success

iwgplating.com

