



Metal deposits



Cudega pure 80

Even deposits for rack and barrel applications

This bright cyanidic copper solution is suitable for even deposits for rack and barrel application. This electrolyte is further able to plate directly on zinc based die-castings and white-castings.



Properties and benefits

- Easy bath control
- Even deposits
- For rack and barrel applications

Application area

- Bijou
- Technical applications

Cudega pure 80_E

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Technical Data

Electrolyte properties

Parameter	Range	Optimum
Specific gravity	1,100 – 1,200 g/cm ³	
Copper	33 – 37 g/l	34 g/l
Potassium cyanide <small>free</small>	20 – 24 g/l	22 g/l
Potassium hydroxide	0 – 8 g/l	
Cathodic current density	0,25 – 2 A/dm ²	0,5 A/dm ²
Anodic current density	up to 2 A/dm ²	
Temperature	45 – 55 °C	50 °C
Agitation	Recommended	
Current efficiency	approx. 33 mg Cu/Amin, depending on free cyanide-content	
Anodes	electrolytic copper	

Deposit characteristics

Appearance..... copper

Products available

0021200	potassium cyanide
0021300	copper (I) cyanide
3061000	IWG Copper solution No. 42
1258100	potassium hydroxide
3050300	Cudega pure 80 Brightener 1
3050100	Cudega pure 80 Brightener 2
3050400	Cudega pure 80 Wetting agent

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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