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NiRUNA[®] 808 S

ELECTROLYTE ADDITIVES



Electrolyte additives for producing ultra-bright nickel layers

NiRUNA[®] 808 S electrolyte additives are used to produce ultra-bright nickel coatings in sulfate and sulfamate electrolytes and are suitable for rack and barrel finishing. On printed circuit boards, bright nickel can be used for deposition as an intermediate layer prior to precious metal deposition, e.g., hard gold.

The additives are characterized by a wide applicable bright current density range, extremely ductile and ultra-bright deposits, and excellent leveling.

Advantages

- Wider applicable gloss current density range
- Exceptionally ductile and ultra bright deposits
- Excellent leveling
- Suitable for sulfate and sulfamate electrolytes
- Suitable for barrel and rack operation

Applications

- Deposition of ultra bright nickel layers

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ELECTROLYTE ADDITIVES

TECHNICAL SPECIFICATIONS

Electrolyte characteristics		Coating characteristics	
Metal content	60 - 90 g/l Ni 10 - 18 g/l chloride 40 - 55 g/l boric acid	Coating	Bright nickel
pH value	3.8 - 4.5		
Operating temperature	40 - 60 °C		
Current density range	1 - 5 A/dm ²		
Plating speed	approx. 0.5 µm/min at 2.5 A/dm ²		
Voltage			
Rack	4 - 8 V		
Barrel	8 - 12 V		

YOUR CONTACT

Do you have a specific question or would you like a no-obligation quote calculation?
Our specialist will be happy to help you with any technical questions you might have.



Markus Legeler
Manager Sales International

Mail: markus.legeler@eu.umicore.com
Phone: +49 (0) 7171 607 - 204

