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NiRUNA[®] 808

NICKEL SULFAMATE ELECTROLYTE



Ductile nickel coatings with low internal stresses

NiRUNA[®] 808 is a weakly acidic electrolyte that can be used in rack and barrel operations. It is easy to handle and less sensitive to metallic and organic contaminants than conventional types. Cleaning processes can therefore be carried out at longer intervals than usual.

The deposited layers are characterized by very low internal stresses and high ductility. They retain their luster and are active, which allows for problem-free further processing.

Depending on the type of wetting agent, the electrolyte can be operated with air or product agitation.

Advantages

- Extremely ductile coatings with very low internal stresses
- High tolerance to metallic and organic contaminants
- Suitable for barrel and rack operation
- Air or product agitation possible

Applications

- As an intermediate layer for technical parts
- Electronic and electrical components

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TECHNICAL SPECIFICATIONS

Electrolyte characteristics	
Electrolyte type	weakly acidic
Metal content	80 (75 - 85) g/l Ni 8 (6 - 10) g/l chloride 45 (42 - 48) g/l boric acid
pH value	3.8 (3.5 - 4.1)
Operating temperature	57 (55 - 59) °C
Current density range	
Rack	5.0 (2.0 - 8.0) A/dm ²
Barrel	1.5 (1.0 - 2.0) A/dm ²
Plating speed	1 µm/min at 5 A/dm ²

Coating characteristics	
Coating	Nickel
Hardness of deposit	approx. 350 HV 0,1

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.



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