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INDIUM 9200

INDIUM ELECTROLYTE

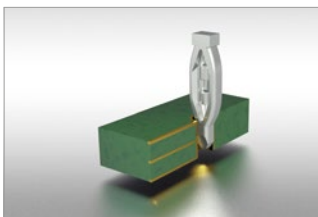


Indium electrolyte for High-Speed-Plating

Indium is a silver white, soft metal with excellent thermal conductivity. It is used for reflow soldering, low temperature soldering and as thermal interface material.

Indium 9200 is an alkaline electrolyte, which delivers ultra pure and ductile indium layers for typical use on press-fit connectors. The electrolyte is characterized by easy maintenance and low consumption of additives.

It convinces with an excellent coverage and improved metal and thickness distribution. The electrolyte is EDTA and NTA free and does not contain complexing agents.



Advantages

- Alkaline high speed electrolyte
- White, matt to semibright coatings
- RoHS compliant
- Ultra pure and ductile Indium layers
- Perfect for reflow and solder applications

Applications

- Press-fit technology for connectors
- Low temperature soldering and thermal interconnects

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TECHNICAL SPECIFICATIONS

Electrolyte characteristics	
Electrolyte type	Alkaline
Metal content	20 - 50 g/l
pH value	13.0
Operating temperature	20 - 65 °C
Current density range	up to 10 ASD (depending on application)
Plating speed	approx. 0.65 µm/min at 2 A/dm ²
Anode material	Indium or MMO 187 SO

Coating characteristics	
Purity	99.5 wt.% In
Colour of deposit	Silver-white
Brightness	Matt to semibright
Hardness of deposit HV 0.015 (Vickers) approx. values	< 1 HV
Density of the coating	7.31 g/cm ³

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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