

Indium Corp. Indalloy® 241 95.5Sn/3.8Ag/0.7Cu Lead-Free Solder Alloy

Category : Metal , Nonferrous Metal , Solder/Braze Alloy , Tin Alloy

Material Notes:

Multicore promoted alloy. Information provided by the manufacturer, Indium Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-241-955Sn38Ag07Cu-Lead-Free-Solder-Alloy.php

Physical Properties	Metric	English	Comments
Density	7.40 g/cc	0.267 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	15	15	
Tensile Strength at Break	48.00 MPa	6962 psi	
Elongation at Break	36.5 %	36.5 %	
Shear Strength	27.00 MPa	3916 psi	

Thermal Properties	Metric	English	Comments
Melting Point	217 Â°C	423 Â°F	Eutectic
Solidus	217 Â°C	423 Â°F	Eutectic
Liquidus	217 Â°C	423 Â°F	Eutectic

Component Elements Properties	Metric	English	Comments
Copper, Cu	0.70 %	0.70 %	
Silver, Ag	3.8 %	3.8 %	
Tin, Sn	95.5 %	95.5 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000130 ohm-cm	0.0000130 ohm-cm	

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