

Indium Corp. Indalloy 161 Lead Solder Alloy

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

Material Notes:Torch solder, poor corrosion resistance
Information Provided by Indium Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-161-Lead-Solder-Alloy.php

Physical Properties	Metric	English	Comments
Density	11.33 g/cc	0.4093 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.3 MPa	4400 psi	
Elongation at Break	42 %	42 %	
Shear Strength	20.0 MPa	2900 psi	

Thermal Properties	Metric	English	Comments
Melting Point	303 Â°C	577 Â°F	Eutectic
Solidus	303 Â°C	577 Â°F	
Liquidus	303 Â°C	577 Â°F	

Component Elements Properties	Metric	English	Comments
Lead, Pb	97.5 %	97.5 %	
Silver, Ag	2.5 %	2.5 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000200 ohm-cm	0.0000200 ohm-cm	

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