

Indium Corp. Indalloy® 233 Pb-Sb-Sn Solder Alloy

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

Material Notes:

Intermediate temp solder. Creep resistant. Information provided by the manufacturer, Indium Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-233-Pb-Sb-Sn-Solder-Alloy.php

Physical Properties	Metric	English	Comments
Density	10.36 g/cc	0.3743 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	38.4 MPa	5570 psi	
Elongation at Break	3.5 %	3.5 %	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	0.150 J/g-°C	0.0359 BTU/lb-°F	Solid
Melting Point	245 - 255 °C	473 - 491 °F	
Solidus	245 °C	473 °F	
Liquidus	255 °C	491 °F	

Component Elements Properties	Metric	English	Comments
Antimony, Sb	10 %	10 %	
Lead, Pb	85 %	85 %	
Tin, Sn	5.0 %	5.0 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000290 ohm-cm	0.0000290 ohm-cm	

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