

Indium Corp. Indalloy® 97 Pb-Sn-Bi Solder Alloy

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

Material Notes:

Good general purpose step soldering alloy. Information provided by the manufacturer, Indium Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-97-Pb-Sn-Bi-Solder-Alloy.php

Physical Properties	Metric	English	Comments
Density	8.99 g/cc	0.325 lb/in ³	

Mechanical Properties	Metric	English	Comments
Elongation at Break	41 %	41 %	
Modulus of Elasticity	24.5 GPa	3560 ksi	

Thermal Properties	Metric	English	Comments
Melting Point	144 - 163 °C	291 - 325 °F	
Solidus	144 °C	291 °F	
Liquidus	163 °C	325 °F	

Component Elements Properties	Metric	English	Comments
Bismuth, Bi	14 %	14 %	
Lead, Pb	43 %	43 %	
Tin, Sn	43 %	43 %	

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