

Indium Corp. Indalloy 155 Tin-Lead Solder Alloy

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

Material Notes:

Information Provided by Indium Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-155-Tin-Lead-Solder-Alloy.php

Physical Properties	Metric	English	Comments
Density	11.0 g/cc	0.397 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	27.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	15.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
	@Temperature 20.0 $\text{Å}^\circ\text{C}$	@Temperature 68.0 $\text{Å}^\circ\text{F}$	
Thermal Conductivity	25.0 W/m-K	174 BTU-in/hr-ft ² - $\text{Å}^\circ\text{F}$	
	@Temperature 85.0 $\text{Å}^\circ\text{C}$	@Temperature 185 $\text{Å}^\circ\text{F}$	
Melting Point	292 $\text{Å}^\circ\text{C}$	558 $\text{Å}^\circ\text{F}$	
Solidus	292 $\text{Å}^\circ\text{C}$	558 $\text{Å}^\circ\text{F}$	
Liquidus	292 $\text{Å}^\circ\text{C}$	558 $\text{Å}^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Lead, Pb	90 %	90 %	
Silver, Ag	5.0 %	5.0 %	
Tin, Sn	5.0 %	5.0 %	

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