

Indium Corp. Indalloy 128 Pure Tin

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

Material Notes:

Information Provided by Indium Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-128-Pure-Tin.php

Physical Properties	Metric	English	Comments
Density	7.28 g/cc	0.263 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	13.1 MPa	1900 psi	
Modulus of Elasticity	42.1 GPa	6100 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear	24.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	13.3 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
	@Temperature 20.0 $\text{Å}^\circ\text{C}$	@Temperature 68.0 $\text{Å}^\circ\text{F}$	
Specific Heat Capacity	0.222 J/g- $\text{Å}^\circ\text{C}$	0.0531 BTU/lb- $\text{Å}^\circ\text{F}$	Solid
Thermal Conductivity	73.0 W/m-K	507 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	232 $\text{Å}^\circ\text{C}$	450 $\text{Å}^\circ\text{F}$	
Solidus	232 $\text{Å}^\circ\text{C}$	450 $\text{Å}^\circ\text{F}$	
Liquidus	232 $\text{Å}^\circ\text{C}$	450 $\text{Å}^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Tin, Sn	100 %	100 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000110 ohm-cm	0.0000110 ohm-cm	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China