

Indium Corp. Indalloy® 209 Sn-Ag-Sb Solder Alloy

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

Material Notes:

Low temperature die attach alloy. Has very high tensile strength. Old Motorola die attach solder; very brittle. Information provided by the manufacturer, Indium Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-209-Sn-Ag-Sb-Solder-Alloy.php

Physical Properties	Metric	English	Comments
Density	7.80 g/cc	0.282 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	117.2 MPa	17000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	36.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$ @Temperature 20.0 $\text{Å}^\circ\text{C}$	20.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$ @Temperature 68.0 $\text{Å}^\circ\text{F}$	
Melting Point	233 $\text{Å}^\circ\text{C}$	451 $\text{Å}^\circ\text{F}$	Eutectic
Solidus	233 $\text{Å}^\circ\text{C}$	451 $\text{Å}^\circ\text{F}$	
Liquidus	233 $\text{Å}^\circ\text{C}$	451 $\text{Å}^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Antimony, Sb	10 %	10 %	
Silver, Ag	25 %	25 %	
Tin, Sn	65 %	65 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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