

AIM 70In/30Pb Solder for Photonic Packaging

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

Material Notes:

Uses include:Fiber to Ferrule SolderingLaser Die AttachHermetic Packaging & SealingWetting & Sealing Laser OpticsThermal ManagementInformation provided by AIM Specialty Materials.

Order this product through the following link:

http://www.lookpolymers.com/polymer_AIM-70In30Pb-Solder-for-Photonic-Packaging.php

Physical Properties	Metric	English	Comments
Density	8.19 g/cc	0.296 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	164 MPa	23800 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	28.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	15.6 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 20.0 $^\circ\text{C}$	@Temperature 68.0 $^\circ\text{F}$	
Melting Point	160 - 174 $^\circ\text{C}$	320 - 345 $^\circ\text{F}$	
Solidus	160 $^\circ\text{C}$	320 $^\circ\text{F}$	
Liquidus	174 $^\circ\text{C}$	345 $^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Indium, In	70 %	70 %	
Lead, Pb	30 %	30 %	

Descriptive Properties	Value	Comments
Creep Resistance	Moderate	

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