

AIM 95Sn/3.5Ag/1.5In Solder for Photonic Packaging

Category : Metal , Nonferrous Metal , Solder/Braze Alloy , Tin 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-95Sn35Ag15In-Solder-for-Photonic-Packaging.php

Physical Properties	Metric	English	Comments
Density	7.36 g/cc	0.266 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	352 MPa	51000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	22.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	12.2 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Melting Point	218 °C	424 °F	
Solidus	218 °C	424 °F	
Liquidus	218 °C	424 °F	

Component Elements Properties	Metric	English	Comments
Indium, In	1.5 %	1.5 %	
Silver, Ag	3.5 %	3.5 %	
Tin, Sn	95 %	95 %	

Descriptive Properties	Value	Comments
Creep Resistance	High	

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