

## AIM 100In Solder for Photonic Packaging

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

**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-100In-Solder-for-Photonic-Packaging.php](http://www.lookpolymers.com/polymer_AIM-100In-Solder-for-Photonic-Packaging.php)

Physical Properties	Metric	English	Comments
Density	7.31 g/cc	0.264 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	17.2 MPa	2500 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	29.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	16.1 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Melting Point	156.7 °C	314.1 °F	
Solidus	156.7 °C	314.1 °F	
Liquidus	156.7 °C	314.1 °F	

Component Elements Properties	Metric	English	Comments
Indium, In	100 %	100 %	

Descriptive Properties	Value	Comments
Creep Resistance	Poor	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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