

AIM 91Sn/9Zn 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-91Sn9Zn-Solder-for-Photonic-Packaging.php

Physical Properties	Metric	English	Comments
Density	7.27 g/cc	0.263 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	448 MPa	65000 psi	

Thermal Properties	Metric	English	Comments
Melting Point	199 °C	390 °F	
Solidus	199 °C	390 °F	
Liquidus	199 °C	390 °F	

Component Elements Properties	Metric	English	Comments
Tin, Sn	91 %	91 %	
Zinc, Zn	9.0 %	9.0 %	

Descriptive Properties	Value	Comments
Creep Resistance	Good	

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