

Williams Advanced Alloys WS209 Solder

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

Material Notes:

All Williams alloys are available in a variety of shapes and forms, including ribbon, preforms, rod, ring, wire, and custom shapes. Information provided by Williams Advanced Alloys

Order this product through the following link:

http://www.lookpolymers.com/polymer_Williams-Advanced-Alloys-WS209-Solder.php

Physical Properties	Metric	English	Comments
Density	8.86 g/cc	0.320 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	32.2 MPa	4670 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	27.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	15.0 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	22.0 W/m-K	153 BTU-in/hr-ft ² -°F	
Melting Point	184 - 209 °C	363 - 408 °F	
Solidus	184 °C	363 °F	
Liquidus	209 °C	408 °F	

Component Elements Properties	Metric	English	Comments
Indium, In	50 %	50 %	
Lead, Pb	50 %	50 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00002867 ohm-cm	0.00002867 ohm-cm	

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