

Williams Advanced Alloys WS290 Solder

Category : Metal , Nonferrous Metal , 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-WS290-Solder.php

Physical Properties	Metric	English	Comments
Density	10.75 g/cc	0.3884 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	22.5 MPa	3260 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	29.1 $\mu\text{m}/\text{m}\cdot\text{°C}$	16.2 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	27.0 W/m-K	187 BTU-in/hr-ft ² -°F	
Melting Point	268 - 290 °C	514 - 554 °F	
Solidus	268 °C	514 °F	
Liquidus	290 °C	554 °F	

Component Elements Properties	Metric	English	Comments
Lead, Pb	88 %	88 %	
Silver, Ag	2.0 %	2.0 %	
Tin, Sn	10 %	10 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00002023 ohm-cm	0.00002023 ohm-cm	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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