

Williams Advanced Alloys WS145 Solder

Category : Metal , Nonferrous Metal , Solder/Braze Alloy , Tin 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-WS145-Solder.php

Physical Properties	Metric	English	Comments
Density	7.30 g/cc	0.264 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	40.7 MPa	5900 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	31.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	17.2 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	33.0 W/m-K	229 BTU-in/hr-ft ² -°F	
Melting Point	118 - 145 °C	244 - 293 °F	
Solidus	118 °C	244 °F	
Liquidus	145 °C	293 °F	

Component Elements Properties	Metric	English	Comments
Indium, In	42 %	42 %	
Tin, Sn	58 %	58 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00001536 ohm-cm	0.00001536 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