

Williams Advanced Alloys WS238A 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-WS238A-Solder.php

Physical Properties	Metric	English	Comments
Density	9.28 g/cc	0.335 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	28.1 MPa	4080 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	25.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	13.9 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 20.0 $^\circ\text{C}$	@Temperature 68.0 $^\circ\text{F}$	
Thermal Conductivity	28.0 W/m-K	194 BTU-in/hr-ft ² - $^\circ\text{F}$	
Melting Point	232 - 238 $^\circ\text{C}$	450 - 460 $^\circ\text{F}$	
Solidus	232 $^\circ\text{C}$	450 $^\circ\text{F}$	
Liquidus	238 $^\circ\text{C}$	460 $^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Antimony, Sb	3.0 %	3.0 %	
Tin, Sn	97 %	97 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00001421 ohm-cm	0.00001421 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