

Williams Advanced Alloys WS213 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-WS213-Solder.php

Physical Properties	Metric	English	Comments
Density	7.55 g/cc	0.273 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	22.8 MPa	3300 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	26.5 $\mu\text{m}/\text{m}\cdot\text{°C}$	14.7 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	56.0 W/m-K	389 BTU-in/hr-ft ² -°F	
Melting Point	183 - 213 °C	361 - 415 °F	
Solidus	183 °C	361 °F	
Liquidus	213 °C	415 °F	

Component Elements Properties	Metric	English	Comments
Palladium, Pd	10 %	10 %	
Tin, Sn	90 %	90 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00001313 ohm-cm	0.00001313 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