

Williams Advanced Alloys WS286 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-WS286-Solder.php

Physical Properties	Metric	English	Comments
Density	10.91 g/cc	0.3941 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	36.66 MPa	5317 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	22.4 $\mu\text{m}/\text{m}\cdot\text{°C}$	12.4 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	33.0 W/m-K	229 BTU-in/hr-ft ² -°F	
Melting Point	268 - 286 °C	514 - 547 °F	
Solidus	268 °C	514 °F	
Liquidus	286 °C	547 °F	

Component Elements Properties	Metric	English	Comments
Bismuth, Bi	8.0 %	8.0 %	
Indium, In	1.0 %	1.0 %	
Lead, Pb	86 %	86 %	
Silver, Ag	1.0 %	1.0 %	
Tin, Sn	4.0 %	4.0 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00003071 ohm-cm	0.00003071 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