

Williams Advanced Alloys WS304 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-WS304-Solder.php

Physical Properties	Metric	English	Comments
Density	11.2 g/cc	0.405 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	23.4 MPa	3400 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	23.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	12.8 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	26.0 W/m-K	180 BTU-in/hr-ft ² -°F	
Melting Point	299 - 304 °C	570 - 579 °F	
Solidus	299 °C	570 °F	
Liquidus	304 °C	579 °F	

Component Elements Properties	Metric	English	Comments
Lead, Pb	95.5 %	95.5 %	
Silver, Ag	2.5 %	2.5 %	
Tin, Sn	2.0 %	2.0 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00002263 ohm-cm	0.00002263 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