

Williams Advanced Alloys WS487 Solder

Category : Metal , Nonferrous Metal , Precious Metal , Gold 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-WS487-Solder.php

Physical Properties	Metric	English	Comments
Density	14.72 g/cc	0.5318 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	232 MPa	33700 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	14.7 $\mu\text{m}/\text{m}\cdot\text{°C}$	8.17 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	28.0 W/m-K	194 BTU-in/hr-ft ² -°F	
Melting Point	487 °C	909 °F	
Solidus	487 °C	909 °F	
Liquidus	487 °C	909 °F	

Component Elements Properties	Metric	English	Comments
Gold, Au	81 %	81 %	
Indium, In	19 %	19 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00002048 ohm-cm	0.00002048 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