

## Williams Advanced Alloys WS200 Solder

Category : Metal , Nonferrous Metal , Lead Alloy , 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-WS200-Solder.php](http://www.lookpolymers.com/polymer_Williams-Advanced-Alloys-WS200-Solder.php)

Physical Properties	Metric	English	Comments
Density	8.68 g/cc	0.314 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	46.9 MPa	6800 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	22.6 $\mu\text{m}/\text{m}\cdot\text{°C}$	12.6 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	58.0 W/m-K	403 BTU-in/hr-ft <sup>2</sup> -°F	
Melting Point	183 - 200 °C	361 - 392 °F	
Solidus	183 °C	361 °F	
Liquidus	200 °C	392 °F	

Component Elements Properties	Metric	English	Comments
Lead, Pb	45 %	45 %	
Tin, Sn	55 %	55 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00001536 ohm-cm	0.00001536 ohm-cm	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China