

## Williams Advanced Alloys WS157 Solder

Category : Metal , Nonferrous Metal , Indium Alloy , Solder/Braze Alloy , Pure Element

### 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-WS157-Solder.php](http://www.lookpolymers.com/polymer_Williams-Advanced-Alloys-WS157-Solder.php)

Physical Properties	Metric	English	Comments
Density	7.31 g/cc	0.264 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	3.96 MPa	575 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	24.8 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	13.8 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 20.0 $^\circ\text{C}$	@Temperature 68.0 $^\circ\text{F}$	
Thermal Conductivity	82.0 W/m-K	569 BTU-in/hr-ft <sup>2</sup> - $^\circ\text{F}$	
Melting Point	157 $^\circ\text{C}$	315 $^\circ\text{F}$	
Solidus	157 $^\circ\text{C}$	315 $^\circ\text{F}$	
Liquidus	157 $^\circ\text{C}$	315 $^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Indium, In	100 %	100 %	

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](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

