

## Indium Corp. Indalloy® 249 91.8Sn/3.4Ag/4.8Bi Lead-Free Solder Alloy

Category : Metal , Nonferrous Metal , Solder/Braze Alloy , Tin Alloy

### Material Notes:

Board & component metallizations must be Pb-free. U.S. Patent 5,439,639 (ICA Licensed Sandia Patent) Information provided by the manufacturer, Indium Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Indium-Corp-Indalloy-249-918Sn34Ag48Bi-Lead-Free-Solder-Alloy.php](http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-249-918Sn34Ag48Bi-Lead-Free-Solder-Alloy.php)

Physical Properties	Metric	English	Comments
Density	7.44 g/cc	0.269 lb/in <sup>3</sup>	

Thermal Properties	Metric	English	Comments
Melting Point	211 - 213 °C	412 - 415 °F	
Solidus	211 °C	412 °F	
Liquidus	213 °C	415 °F	

Component Elements Properties	Metric	English	Comments
Bismuth, Bi	4.8 %	4.8 %	
Silver, Ag	3.4 %	3.4 %	
Tin, Sn	91.8 %	91.8 %	

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