

Lucas-Milhaupt 63 Sn-37 Pb Tin/ Silver Solder

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

Material Notes:

Characteristics: Although widely used in electronics for both manual and automatic soldering applications, it is also used in general purpose applications where fast alloy flow is desired. This alloy offers good corrosion resistance properties, has the highest strength of the tin/lead series and generally used where temperature requirements are critical. Joint clearances of 0.1 to 0.15mm (.003 to .005 in) are optimum, but larger variations can still produce sound joints. Flux is required and proper selection will depend upon base metals to be joined. **Specifications:** This alloy conforms to the following specification: ASTM B32-Sn63 Information provided by Lucas-Milhaupt, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucas-Milhaupt-63-Sn-37-Pb-Tin-Silver-Solder.php

Physical Properties	Metric	English	Comments
Density	8.50 g/cc	0.307 lb/in ³	

Thermal Properties	Metric	English	Comments
Melting Point	183 Â°C	361 Â°F	
Solidus	183 Â°C	361 Â°F	Melting Point
Liquidus	183 Â°C	361 Â°F	Flow Point

Component Elements Properties	Metric	English	Comments
Lead, Pb	36.42 - 37.5 %	36.42 - 37.5 %	
Other, total	<= 0.080 %	<= 0.080 %	
Tin, Sn	62.5 - 63.5 %	62.5 - 63.5 %	

Descriptive Properties	Value	Comments
Color	White	

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