

Lucas-Milhaupt Lucanex 616 Active Metal Brazing

Category : Metal , Nonferrous Metal , Precious Metal , Silver Alloy , Solder/Braze Alloy

Material Notes:

Brazing Paste Blended with Ti for active metal brazing of ceramics. Information provided by Lucas-Milhaupt, Inc. Alloy compositions are for filler metal powder in Lucanex paste

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucas-Milhaupt-Lucanex-616-Active-Metal-Brazing.php

Physical Properties	Metric	English	Comments
Particle Mesh Size	325 Mesh	325 Mesh	Powder
Viscosity	300000 - 400000 cP	300000 - 400000 cP	Paste

Thermal Properties	Metric	English	Comments
Melting Point	623.9 - 707.2 Â°C	1155 - 1305 Â°F	
Solidus	623.9 Â°C	1155 Â°F	Melting Point
Liquidus	707.2 Â°C	1305 Â°F	Flow Point

Component Elements Properties	Metric	English	Comments
Copper, Cu	24 %	24 %	
Indium, In	14.5 %	14.5 %	
Silver, Ag	61.5 %	61.5 %	
Titanium, Ti	2.0 - 10 %	2.0 - 10 %	

Processing Properties	Metric	English	Comments
Processing Temperature	827 - 899 Â°C	1520 - 1650 Â°F	Brazing Range

Descriptive Properties	Value	Comments
% Filler Metal Powder	79-81% by Weight	
Color	Light Brown	

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