Lucas-Milhaupt SilvacoreÂ® A56T Flux Cored Brazing Alloy

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

Material Notes:

Silvaloy A56T Flux Cored has the lowest brazing temperature, best wetting, and best flow of all the cadmium free alloys. It has a slight plastic range which may be noticed during melting on some applications. Its low zinc content minimizes problems due to longer heating cycles or due to excessive heating. It is often selected for use on silver or stainless steel due to its excellent color match. Typical applications are the joining of ferrous, non-ferrous, and dissimilar metals and alloys with close joint clearances.Information provided by Lucas-Milhaupt Warwick, LLC (formerly Wolverine Joining Technologies).

Order this product through the following link:
http://www.lookpolymers.com/polymer_Lucas-Milhaupt-Silvacore-A56T-Flux-Cored-Brazing-Alloy.php

Thermal Properties	Metric	English	Comments
Melting Point	618.3 - 651.7 Â°C	1145 - 1205 Â°F	
Solidus	618.3 Â°C	1145 Â°F	
Liquidus	651.7 Â°C	1205 Â°F	
Maximum Service Temperature, Air	204 Â°C	400 Â°F	continuous
	316 Â°C	600 Â°F	intermittent

Component Elements Properties	Metric	English	Comments
Copper, Cu	21 - 23 %	21 - 23 %	Metal (excluding flux)
Other, total	<= 0.15 %	<= 0.15 %	Metal (excluding flux)
Silver, Ag	55 - 57 %	55 - 57 %	Metal (excluding flux)
Tin, Sn	4.5 - 5.5 %	4.5 - 5.5 %	Metal (excluding flux)
Zinc, Zn	15 - 19 %	15 - 19 %	Metal (excluding flux)

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000145 ohm-cm	0.0000145 ohm-cm	

Processing Properties	Metric	English	Comments
Processing Temperature	651.7 - 760 Â°C	1205 - 1400 Â°F	Brazing Temperature

Descriptive Properties	Value	Comments
Boric Acid %	27	percentage of flux

Descriptive Properties	Value	Comments
Color	Light Yellow	
Electrical Conductivity (% IACS)	11.9	
Potassium Bifluoride %	27	percentage of flux
Potassium Fluoroborate %	25	percentage of flux
Potassium Tetraborate %	21	percentage of flux

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China