

## Lucas-Milhaupt Silvaloy® A35 Brazing Alloy

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

### Material Notes:

Silvaloy A35 is a good general purpose alloy often used when cadmium must be avoided such as in the dairy and food industries. It is used for brazing in the electrical industry and for brazing brass parts such as ships, piping, band instruments, lamps, etc. 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-Silvaloy-A35-Brazing-Alloy.php](http://www.lookpolymers.com/polymer_Lucas-Milhaupt-Silvaloy-A35-Brazing-Alloy.php)

Physical Properties	Metric	English	Comments
Specific Gravity	8.66 g/cc	8.66 g/cc	
Density	8.66 g/cc	0.313 lb/in <sup>3</sup>	

Thermal Properties	Metric	English	Comments
Melting Point	682 - 743 °C	1260 - 1370 °F	
Solidus	682 °C	1260 °F	
Liquidus	743 °C	1370 °F	
Maximum Service Temperature, Air	204 °C	400 °F	continuous
	316 °C	600 °F	intermittent

Component Elements Properties	Metric	English	Comments
Copper, Cu	31 - 33 %	31 - 33 %	
Other, total	<= 0.15 %	<= 0.15 %	
Silver, Ag	34 - 36 %	34 - 36 %	
Zinc, Zn	31 - 35 %	31 - 35 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.000784 ohm-cm	0.000784 ohm-cm	

Processing Properties	Metric	English	Comments
Processing Temperature	743 - 840.6 °C	1370 - 1545 °F	Brazing Temperature

Descriptive Properties	Value	Comments
Color	Yellow White	
Electrical Conductivity (% IACS)	22	

## 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