

Lucas-Milhaupt Silvaloy® A20 Brazing Alloy

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

Material Notes:

Silvaloy A20 can be used in a wide variety of applications but is infrequently used because of its relatively high melting point. It is an excellent choice when simultaneously brazing and heat treating carbon steel because of the close temperature match. It is also widely used on yellow brass assemblies because of the close color match. Generally, the strength of Silvaloy A20 will surpass the strengths of the base metals. 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-A20-Brazing-Alloy.php

Thermal Properties	Metric	English	Comments
Melting Point	712.8 - 816 °C	1315 - 1500 °F	
Solidus	712.8 °C	1315 °F	
Liquidus	816 °C	1500 °F	
Maximum Service Temperature, Air	149 °C	300 °F	continuous
	260 °C	500 °F	intermittent

Component Elements Properties	Metric	English	Comments
Copper, Cu	44 - 46 %	44 - 46 %	
Silver, Ag	19 - 21 %	19 - 21 %	
Zinc, Zn	33 - 37 %	33 - 37 %	

Processing Properties	Metric	English	Comments
Processing Temperature	816 - 871 °C	1500 - 1600 °F	Brazing Temperature

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