

Lucas-Milhaupt EASY FLO 35 Silver Based Cadmium-Bearing Filler Metal

Category : Metal , Nonferrous Metal , Precious Metal , Silver Alloy

Material Notes:

Applications: Easy-Flo 35 is a are good general purpose, low temperature silver brazing filler metals for joining both ferrous and nonferrous metals. Because of their fairly low cost, good fatigue strength and ability to make leak-tight joints where close clearances cannot be maintained, they have been widely used in the refrigeration and air-conditioning industry. Additional uses for these filler metals are tubular bicycle and furniture frames, where joint fitup may be variable. **Characteristics:** Easy-Flo 35 is a low temperature, economical, brazing filler metals capable of bridging gaps where poor joint fitup cannot be avoided. This filler metal has a tendency to liquate (i.e., separate into low and high melting constituents) when heated slowly and therefore it is preferable to use them where the heat source is sufficient to raise the part temperature rapidly through the melting range of the brazing filler meta. Handy Flux is recommended for use with this filler metal.

Specifications: This filler metal conform to the following specifications: AWS A5.8 BAg-2, SAE-AMS 4768, ASME Boiler and Pressure Vessel Code Section II-C SFA 5.8 BAg-2 Information provided by Lucas-Milhaupt, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucas-Milhaupt-EASY-FLO-35-Silver-Based-Cadmium-Bearing-Filler-Metal.php

Physical Properties	Metric	English	Comments
Density	9.18 g/cc	0.332 lb/in ³	

Thermal Properties	Metric	English	Comments
Melting Point	607.2 - 701.7 °C	1125 - 1295 °F	
Solidus	607.2 °C	1125 °F	Melting Point
Liquidus	701.7 °C	1295 °F	Flow Point

Component Elements Properties	Metric	English	Comments
Cadmium, Cd	17 - 19 %	17 - 19 %	
Copper, Cu	25 - 27 %	25 - 27 %	
Other, total	<= 0.15 %	<= 0.15 %	
Silver, Ag	34 - 36 %	34 - 36 %	
Zinc, Zn	19 - 23 %	19 - 23 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000602 ohm-cm	0.00000602 ohm-cm	

Descriptive Properties	Value	Comments
Color	Light Yellow	

Descriptive Properties	Value	Comments
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