

Master Bond FL901S Silver Filled, Electrically Conductive Adhesive Film

Category : Polymer , Adhesive , Film , Thermoset , Epoxy

Material Notes:

Master Bond FL901S Polymer System is a high performance silver filled unsupported epoxy resin based adhesive film which offers outstanding performance characteristics and does not require refrigerated storage although refrigeration is recommended to maximize the shelf life. This specially developed one component formulation features outstanding electrical conductivity, superior mechanical strength plus excellent adhesive properties to both similar and dissimilar substrates. An additional attractive characteristic of this silver conductive film is its ability to cure quickly at moderate temperatures e.g. 1 hour at 250°F.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-FL901S-Silver-Filled-Electrically-Conductive-Adhesive-Film.php

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	>= 1.44 W/m-K	>= 10.0 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-73.3 °C	-100 °F	

Processing Properties	Metric	English	Comments
Cure Time	30.0 - 40.2 min	0.500 - 0.670 hour	
	@Temperature 149 °C	@Temperature 300 °F	
	60.0 min	1.00 hour	
	@Temperature 121 °C	@Temperature 250 °F	

Descriptive Properties	Value	Comments
Weight Loss, %	max 0.7	At 300°C

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