

Lord Adhesives Metech 3288 Silver Conductor

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

Material Notes:

This product is a silver paste composition designed for screen print application of a solderable electrode base onto various types of electrical ceramic component devices. The fired film forms a highly adherent bond to many types of substrates such as piezo-electric transducers (PZTs), NTC thermistors, alumina, steatite, and porcelain without altering the electrical and mechanical properties of the dielectric body. It is intended for lower firing applications where a higher temperature cannot be tolerated. The bonded electrode is readily solderable for external lead attachment. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Metech-3288-Silver-Conductor.php

Physical Properties	Metric	English	Comments
Brookfield Viscosity	100000 - 120000 cP @Temperature 25.0 Â°C	100000 - 120000 cP @Temperature 77.0 Â°F	RVT, Spindle #7 @ 20rpm
Thickness	10.0 - 14.0 microns	0.394 - 0.551 mil	Fired

Component Elements Properties	Metric	English	Comments
Silver, Ag	67 %	67 %	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.0030 ohm	<= 0.0030 ohm	

Processing Properties	Metric	English	Comments
Shelf Life	6.00 Month @Temperature 25.0 Â°C	6.00 Month @Temperature 77.0 Â°F	

Descriptive Properties	Value	Comments
Adhesion	>8	lbs; Adhesion pad size 0.10"x0.10", solder 62Sn/36Pb/2Ag at 200Â°C, 20 gauge pre-tinned copper wire at 90Â° to substrate plane.
Solder Wetting (seconds)	2-3	62Sn/36Pb/2Ag at 230Â°C

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