

Lord Adhesives Metech 3255 Silver Conductor

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

Material Notes:

This conductor composition is a silver bearing 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 piezoelectric transducers (PZTs), NTC thermistors, alumina, steatite and porcelain without altering the electrical and mechanical properties of the dielectric body. The bonded electrode is readily solderable for external lead attachments. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Metech-3255-Silver-Conductor.php

Physical Properties	Metric	English	Comments
Brookfield Viscosity	110000 - 130000 cP @Temperature 25.0 Â°C	110000 - 130000 cP @Temperature 77.0 Â°F	RVT, Spindle #7 @ 20rpm
Thickness	9.00 - 12.0 microns	0.354 - 0.472 mil	Fired

Component Elements Properties	Metric	English	Comments
Silver, Ag	68 %	68 %	

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	>6	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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