

Lord Adhesives Metech 3270 Silver Conductor

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

Material Notes:

This composition is a silver bearing paste designed for screen print application of a fired conductive electrode. It forms a highly adherent bond to many compositions including alumina. The paste has good rheological properties and long screen life. The film has good initial and aged adhesion and is readily solderable. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Metech-3270-Silver-Conductor.php

Physical Properties	Metric	English	Comments
Brookfield Viscosity	90000 - 110000 cP @Temperature 25.0 Â°C	90000 - 110000 cP @Temperature 77.0 Â°F	RVT, Spindle #7 @ 20rpm

Component Elements Properties	Metric	English	Comments
Silver, Ag	70 %	70 %	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.0025 ohm	<= 0.0025 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	>4.4	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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