

Lord Adhesives Metech 3524 Silver Conductor Composition

Category : Polymer , Adhesive

Material Notes:

This silver conductor composition is designed for screen printing applications requiring nickel barrier plating. It fires to a highly dense film which is resistant to acidic plating solutions. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Metech-3524-Silver-Conductor-Composition.php

Physical Properties	Metric	English	Comments
Brookfield Viscosity	180000 - 220000 cP @Temperature 25.0 Â°C	180000 - 220000 cP @Temperature 77.0 Â°F	HBT, Spindle #SC4-14 @ 10rpm
Thickness	11.0 - 13.0 microns	0.433 - 0.512 mil	Fired

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.0015 ohm	<= 0.0015 ohm	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature 25.0 Â°C	12.0 Month @Temperature 77.0 Â°F	

Descriptive Properties	Value	Comments
Adhesion	6-8	lbs; 0.08" x 0.08" pad size using 62Sn/36Pb/2Ag solder at 200Â°C, 20 gauge pre-tinned copper wire at 90Â° to substrate plane.
Coverage (cmÂ²/gm)	70-75	Calculated from 50 micron wet film

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