Lord Adhesives Metech 3543 Platinum Silver Conductor Composition

Category : Polymer , Adhesive

Material Notes:

These conductor compositions employ a state of the art mixed bond frit system to enhance adhesion and conductivity values while offering a range of cost effective conductors compatible with most resistor and dielectric systems.All information provided by Lord.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Lord-Adhesives-Metech-3543-Platinum-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	12.0 - 14.0 microns	0.472 - 0.551 mil	Fired

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	0.013 ohm	0.013 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	3-4	lbs; aged
	7-8	lbs; initial
Coverage (cmÂ²/gm)	70-75	Calculated from 50 micron wet film
Line Resolution (microns)	125	
Solder Leach Resistance (cycles)	6	Number of 5-second cycles required to leach 50% of a 10 mil wide conductive line using 62Sn/36Pb/2Ag at 230Â°C
Solder Wetting (seconds)	< 3	Time required to 100% solder wet 0.08" x 0.08" pad size using 62Sn/36Pb/2Ag at 230Â°C

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