

Gwent Electronic Materials C2100211D1 Silicone Based Silver Paste

Category : Fluid , Other Engineering Material , Ceramic/Metallic Coating , Polymer , Thermoplastic , Adhesives, Sealants, and Coatings

Material Notes:

This ink can be used in a wide range of applications, as conductive adhesive, it has excellent chemical resistance, with good adhesion. This product has been tested at 250°C and it showed good stability for minimum 12 weeks. Screen Printing Equipment: semi-automatic, automatic
Screen Types: stainless steel, polyester
Substrate: Ceramic or metallic substrate
Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2100211D1-Silicone-Based-Silver-Paste.php

Physical Properties	Metric	English	Comments
Storage Temperature	20.0 °C	68.0 °F	sealed container

Component Elements Properties	Metric	English	Comments
Silver, Ag	69 - 71 %	69 - 71 %	Theoretical

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	0.040 ohm @Temperature 200 °C	0.040 ohm @Temperature 392 °F	Cured Film at 200°C for 30 min

Processing Properties	Metric	English	Comments
Cure Time	15.0 min @Temperature 60.0 °C	0.250 hour @Temperature 140 °F	first step
	30.0 min @Temperature 200 °C	0.500 hour @Temperature 392 °F	second step
Shelf Life	6.00 Month	6.00 Month	

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