

Gwent Electronic Materials D2060131D1 Dielectric Paste

Category : Fluid , Metal , Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

This Material is a white colored screen printable polymer dielectric, suitable for defining electrode areas and forms a protective layer over the electrode tracking during immersion of the electrode. It contains a crosslinking resin system for printing on substrates with low adhesion surfaces, e.g.: Polyimide. The formulation is designed for maximum flexibility. Screen Printing Equipment: semi-automatic, manual
Screen Types: stainless steel, polyester, mesh 156 to 325tpi
Substrate: Polyester, PVC, Polycarbonate, or Ceramic.
Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-D2060131D1-Dielectric-Paste.php

Physical Properties	Metric	English	Comments
Solids Content	68.5 - 71.3 %	68.5 - 71.3 %	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
Viscosity	5500 - 8500 cP	5500 - 8500 cP	Haake VT 550 PK1.1Â°
	@Shear Rate 230 1/s, Temperature 25.0 Â°C	@Shear Rate 230 1/s, Temperature 77.0 Â°F	
Thickness	16.0 microns	0.630 mil	Using a 230 mesh stainless steel screen with 13 micron emulsion
Storage Temperature	20.0 Â°C	68.0 Â°F	sealed container

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage cm ² /g	190	Using a 230 mesh stainless steel screen with 13 micron emulsion

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