

Gwent Electronic Materials D2071120D1 Polymer Dielectric

Category : Fluid , Polymer

Material Notes:

Blue colored screen printable polymer dielectric, suitable for defining electrode areas and forms a protective layer over the electrode tracking during immersion of the electrode. The formulation is designed for maximum flexibility. Screen Printing Equipment: semi-automatic, automatic
Screen Types: stainless steel, polyester, mesh 150 to 250tpi
Substrate: Polyester, PVC, Polycarbonate, or Alumina.
Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-D2071120D1-Polymer-Dielectric.php

Physical Properties	Metric	English	Comments
Solids Content	39 - 41 %	39 - 41 %	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
Viscosity	5000 - 6500 cP	5000 - 6500 cP	Haake VT 550 PK1.1.1.1°
	@Shear Rate 230 1/s, Temperature 25.0 Â°C	@Shear Rate 230 1/s, Temperature 77.0 Â°F	
Storage Temperature	20.0 Â°C	68.0 Â°F	sealed container

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	
	@Temperature 130 Â°C	@Temperature 266 Â°F	
Shelf Life	30.0 min	0.500 hour	
	@Temperature 80.0 Â°C	@Temperature 176 Â°F	

Descriptive Properties	Value	Comments
Coverage cm2/g	310	Using a 230 mesh stainless steel screen
Solvent Resistance	Acetone	Attack
	Acetone	Attack
	DMF	Attack
	DMF	Attack
	MEK	Full Attack
	MEK	Full Attack

Descriptive Properties	Value	Comments
	THF	Attack

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