

Gwent Electronic Materials D50706P3 Polymer Dielectric

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

This material is a 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. This product offers resistance to most solvent attack. This is part of a family of Polymer Dielectric Pastes designed for the protecting and defining of electrodes. The paste is in a ready to use form at a viscosity suitable for automatic or semiautomatic screen printing. The paste should be gently stirred before use avoiding introduction of air bubbles. It is a Polymer System for printing on polyester, PVC, Polycarbonate etc and on alumina. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-D50706P3-Polymer-Dielectric.php

Physical Properties	Metric	English	Comments
Solids Content	43 - 45 %	43 - 45 %	
Viscosity	6000 cP @Shear Rate 230 1/s, Temperature 25.0 Â°C	6000 cP @Shear Rate 230 1/s, Temperature 77.0 Â°F	Haake VT 550 PK1.1 Â°
Storage Temperature	20.0 Â°C	68.0 Â°F	in a sealed pot

Processing Properties	Metric	English	Comments
Processing Temperature	60.0 - 80.0 Â°C	140 - 176 Â°F	
Cure Time	30 min	0.5 hour	
Shelf Life	3.00 Month	3.00 Month	

Descriptive Properties	Value	Comments
Coverage cm ² /g	800	230 mesh stainless steel screen with 13 micron emulsion back off
Printing Mesh counts/inch	150 to 250	stainless steel or polyester screens

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