

Gwent Electronic Materials D2030210D1 Polymer Dielectric

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

Material Notes:

This material is a black 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. This product offers limited resistance to aggressive 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-D2030210D1-Polymer-Dielectric.php

Physical Properties	Metric	English	Comments
Solids Content	45.08 - 47.08 %	45.08 - 47.08 %	
Viscosity	7753 cP @Shear Rate 230 1/s, Temperature 25.0 Â°C	7753 cP @Shear Rate 230 1/s, Temperature 77.0 Â°F	Haake VT 550 PK1.1Â°
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 cm2/g	303.14	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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