

Gwent Electronic Materials D2121102P1 UV Curable Dielectric Ink

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

Material Notes:

Screen printable UV cured green dielectric ink with good printability and excellent flexibility. Provides excellent screen life and is suitable for use with automated reel to reel, semi-automatic or manual equipment. Exhibits excellent characteristics when printed as a standard insulating Material or used for cross over circuits. Good printability and excellent flexibility. Recommended Substrate: PET Recommended Screen: 200-300 Mesh Polyester or SS Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-D2121102P1-UV-Curable-Dielectric-Ink.php

Physical Properties	Metric	English	Comments
Viscosity	4000 cP @Temperature 25.0 Â°C	4000 cP @Temperature 77.0 Â°F	RVT SC4/14, spindle 6 @100 rpm
Thickness	1.00 microns	0.0394 mil	Film thickness

Electrical Properties	Metric	English	Comments
Insulation Resistance	>= 1.00e+13 ohm	>= 1.00e+13 ohm	
Dielectric Constant	3.2	3.2	
Dielectric Strength	>= 39.4 kV/mm	>= 1000 kV/in	DC

Descriptive Properties	Value	Comments
Adhesion (N)	1000	DC
Cure Speed, m/min	6 to 8	UV 350 to 450 mj/cm ²

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