

Gwent Electronic Materials C2070920D1 Depolymerisable Carbon Ink

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Adhesives, Sealants, and Coatings

Material Notes:

This product is designed as a screen printable ink. This product is based on a thermoplastic resin system designed to burn out completely during firing to leave a void of specific shape and dimension. This ink offers the advantage of a One-Pack cure system combined with the convenience of ambient temperature stability, which means that the ink does not have to be stored in a freezer or refrigerator. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester, mesh 156 to 230tpi 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-C2070920D1-Depolymerisable-Carbon-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	30 - 33 %	30 - 33 %	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
Viscosity	8000 - 10000 cP	8000 - 10000 cP	Haake VT 550 PK1.1 Å°
	@Shear Rate 50.0 1/s, Temperature 25.0 Å°C	@Shear Rate 50.0 1/s, Temperature 77.0 Å°F	
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
Shelf Life	6.00 Month	6.00 Month	

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