

Gwent Electronic Materials C2110309D5 Carbon Graphite Ink

Category : Fluid , Metal , Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

This is designed for screen-printing of working electrodes for electrochemical sensors. The paste is formulated to give superior printing properties with good definition for fine line printing. Product Benefits: Low coefficient of variation (CV%), no significant hazardous Materials. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester, mesh 156-230tpi Substrate: polyester, PVC, or ceramic Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2110309D5-Carbon-Graphite-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	41 - 42.5 % @Temperature 130 Â°C	41 - 42.5 % @Temperature 266 Â°F	90 min
Viscosity	5000 - 8000 cP @Shear Rate 250 1/s, Temperature 25.0 Â°C	5000 - 8000 cP @Shear Rate 250 1/s, Temperature 77.0 Â°F	Haake VT 550 PK1.1 Â°
	12000 - 18000 cP @Shear Rate 50.0 1/s, Temperature 25.0 Â°C	12000 - 18000 cP @Shear Rate 50.0 1/s, Temperature 77.0 Â°F	Haake VT 550 PK1.1 Â°
Thickness	14.0 microns	0.551 mil	Cured, Printed through 230 stainless steel mesh with 13 micron emulsion
Storage Temperature	20.0 Â°C	68.0 Â°F	sealed container

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	80 ohm	80 ohm	Printed through 230 stainless steel mesh with 13 micron emulsion

Processing Properties	Metric	English	Comments
Cure Time	15.0 min @Temperature 130 Â°C	0.250 hour @Temperature 266 Â°F	
	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage cm ² /g	268	Using a 230 mesh stainless steel screen

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China