

Gwent Electronic Materials C2000511D1 Platinized Carbon Ink

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

Material Notes:

Platinised Carbon Ink is designed to be used for screen printing working electrodes. It has been optimized to give superior electrochemical performance and designed to be used for printing working electrodes. This ink is particularly suited for use with oxidase enzymes where hydrogen peroxide is generated and detected. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester, mesh 156-230tpi 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-C2000511D1-Platinized-Carbon-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	40 - 43 %	40 - 43 %	
	@Temperature 130 Å°C	@Temperature 266 Å°F	
Viscosity	1200 - 1800 cP	1200 - 1800 cP	Haake VT 550 PK1.1 Å°
	@Shear Rate 230 1/s, Temperature 25.0 Å°C	@Shear Rate 230 1/s, Temperature 77.0 Å°F	
Thickness	10.0 microns	0.394 mil	Cured, Printed through 230 stainless steel mesh with 13 micron emulsion
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Component Elements Properties	Metric	English	Comments
Platinum, Pt	2.7 %	2.7 %	Theoretical

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	
	@Temperature 80.0 Å°C	@Temperature 176 Å°F	
	30.0 min	0.500 hour	
	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage cm ² /g	850	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