

Gwent Electronic Materials C51002D6 Platinum Ink

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

Material Notes:

Platinum Ink C51002D6 is a screen printable ink designed for printing working electrodes in electrochemical sensor applications. The ink is designed for firing at high temperatures on ceramic substrates. The ink has been made at a ready to use viscosity and should be thoroughly stirred before use avoiding introduction of air bubbles. It can be printed on automatic and semi automatic screen printers. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C51002D6-Platinum-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	73 - 75 %	73 - 75 %	
Viscosity	38000 cP @Shear Rate 230 1/s, Temperature 25.0 Â°C	38000 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	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	110 ohm	110 ohm	cured film; 7.5 microns thick

Processing Properties	Metric	English	Comments
Processing Temperature	120 - 150 Â°C	248 - 302 Â°F	
Cure Time	10.0 min	0.167 hour	
Shelf Life	3.00 Month	3.00 Month	

Descriptive Properties	Value	Comments
Coverage cm ² /g	140	230 mesh stainless steel screen
Printing Mesh counts/inch	180 to 340	stainless steel or polyester screens

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