

## Gwent Electronic Materials C2050303D1 Fine Line Printing Ink

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

### Material Notes:

Silver Ink has been designed for fine line printing. It is capable of printing down to 50 micron line and spaces within a production environment. Under laboratory conditions, finer lines and spaces have been produced. 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. Screen Printing Equipment: semi-automatic, automatic Screen Types: stainless steel, polyester, mesh 156-325 tpi 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-C2050303D1-Fine-Line-Printing-Ink.php](http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2050303D1-Fine-Line-Printing-Ink.php)

Physical Properties	Metric	English	Comments
Solids Content	69 - 71 % @Temperature 700 Å°C	69 - 71 % @Temperature 1290 Å°F	
Viscosity	14000 - 16000 cP @Shear Rate 230 1/s, Temperature 25.0 Å°C	14000 - 16000 cP @Shear Rate 230 1/s, Temperature 77.0 Å°F	Haake VT 550 PK1.1Å°
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	0.0021 ohm @Thickness 0.0180 mm, Temperature 850 Å°C	0.0021 ohm @Thickness 0.000709 in, Temperature 1560 Å°F	

Processing Properties	Metric	English	Comments
Sintering Temperature	>= 700 Å°C	>= 1290 Å°F	
Cure Time	10.0 min @Temperature 150 Å°C	0.167 hour @Temperature 302 Å°F	
	15.0 min @Temperature 120 Å°C	0.250 hour @Temperature 248 Å°F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage cm2/g	80	Using a 230 mesh stainless steel screen

## **Contact Songhan Plastic Technology Co.,Ltd.**

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