

## Gwent Electronic Materials C2050503D1 Curable Carbon Ink

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

**Material Notes:**

This product is based on a unique curing process that results in the low temperature formation of a thermosetting conductive coating that combines good adhesion with excellent chemical, solvent and abrasion resistance. It offers the advantage of a One-Pak cure system combined with the convenience of Ambient Temperature stability, which means they do not have to be stored in a freezer or refrigerator. Direct Write Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gwent-Electronic-Materials-C2050503D1-Curable-Carbon-Ink.php](http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2050503D1-Curable-Carbon-Ink.php)

Physical Properties	Metric	English	Comments
Particle Size	<= 5.0 Åµm	<= 5.0 Åµm	Fineness of Grind
Viscosity	8000 cP @Shear Rate 230 1/s, Temperature 25.0 Å°C	8000 cP @Shear Rate 230 1/s, Temperature 77.0 Å°F	Haake Viscosity
Thickness	18.0 - 25.0 microns	0.709 - 0.984 mil	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 50 ohm	<= 50 ohm	cured; 25 microns thick

Processing Properties	Metric	English	Comments
Cure Time	30.0 - 60.0 min @Temperature 120 Å°C	0.500 - 1.00 hour @Temperature 248 Å°F	

Descriptive Properties	Value	Comments
Coverage cm <sup>2</sup> /g	380	200 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