

## Gwent Electronic Materials C2090819P2 Silver Ink

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

**Material Notes:**

This product is part of a range of Heat Curable Inks designed specifically for use in Photovoltaic panels. These products are based on a unique curing process that results in the low temperature formation of a thermosetting polymer. This ink has excellent adhesion, chemical and environmental resistance properties. Excellent adhesion to glass

Screen Printing Equipment: semi-automatic, manual  
Screen Types: stainless steel, polyester, mesh 156 to 325tpi  
Substrate: Glass  
Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gwent-Electronic-Materials-C2090819P2-Silver-Ink.php](http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2090819P2-Silver-Ink.php)

Physical Properties	Metric	English	Comments
Solids Content	57 - 59 %	57 - 59 %	
	@Temperature 700 Å°C	@Temperature 1290 Å°F	
Viscosity	8000 - 10500 cP	8000 - 10500 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	23.0 microns	0.906 mil	Cured film on glass
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	0.15 ohm	0.15 ohm	Normalized, Cured on glass
	@Thickness 0.0250 mm	@Thickness 0.000984 in	

Processing Properties	Metric	English	Comments
Cure Time	3.00 min	0.0500 hour	belt dryer
	@Temperature 130 Å°C	@Temperature 266 Å°F	
	30.0 min	0.500 hour	box oven
	@Temperature 130 Å°C	@Temperature 266 Å°F	
Shelf Life	6.00 Month	6.00 Month	

## Contact Songhan Plastic Technology Co.,Ltd.

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