

## Gwent Electronic Materials C2000808D2 Silver Backlight Ink

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

**Material Notes:**

Silver Ink C2000808D2 is a high resistance ink designed for use as the heating bars and tracks on automobile backlights and other circuits on glass. It has dark color when printed and fired on float side of glass and is fully blendable with low resistance ink C2000808D1. It can be printed onto IR or UV black enamels. Silver Ink C2000808D2 is a grey ink with a pine smell at a ready to use viscosity suitable for firing on glass to form conductive tracks. The ink should be gently stirred before use avoiding the introduction of air bubbles. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gwent-Electronic-Materials-C2000808D2-Silver-Backlight-Ink.php](http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2000808D2-Silver-Backlight-Ink.php)

Physical Properties	Metric	English	Comments
Solids Content	60 %	60 %	
Particle Size	<= 4.0 Åµm	<= 4.0 Åµm	Main Break; Fineness of Grind
	<= 15 Åµm	<= 15 Åµm	3rd Streak; Fineness of Grind
Viscosity	9000 cP	9000 cP	Haake VT550 cone and plate viscometer (PK1.1Å°)
	@Shear Rate 230 1/s, Temperature 25.0 Å°C	@Shear Rate 230 1/s, Temperature 77.0 Å°F	
Storage Temperature	<= 25.0 Å°C	<= 77.0 Å°F	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	0.016 ohm	0.016 ohm	fired; 8 microns thick

Processing Properties	Metric	English	Comments
Processing Temperature	150 Å°C	302 Å°F	
Cure Time	7.98 - 15 min	0.133 - 0.25 hour	
Shelf Life	3.00 Month	3.00 Month	

Descriptive Properties	Value	Comments
Coverage cm2/g	350	230 mesh stainless steel screen
Printing Mesh counts/inch	180 to 340	stainless steel or polyester screens

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