

## Gwent Electronic Materials D2090130P5 Pink Dielectric 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 Electro Luminescent systems. These products are based on a unique curing process that results in the low temperature formation of a thermosetting polymer. Excellent adhesion to ITO, chemical and environmental resistance. This dielectric has been designed to be used with Phosphor C2080211P2 to produce a white light. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester Substrate: ITO coated polyester Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gwent-Electronic-Materials-D2090130P5-Pink-Dielectric-Ink.php](http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-D2090130P5-Pink-Dielectric-Ink.php)

Physical Properties	Metric	English	Comments
Solids Content	72.5 - 76.5 %	72.5 - 76.5 %	
	@Temperature 150 °C	@Temperature 302 °F	
Viscosity	1200 - 2200 cP	1200 - 2200 cP	Haake VT 550 PK1.1°
	@Shear Rate 230 1/s, Temperature 25.0 °C	@Shear Rate 230 1/s, Temperature 77.0 °F	
Thickness	20.0 microns	0.787 mil	Double layer on 175µm ITO coated polyester
Storage Temperature	20.0 °C	68.0 °F	sealed container

Processing Properties	Metric	English	Comments
Cure Time	3.00 min	0.0500 hour	belt dryer
	@Temperature 130 °C	@Temperature 266 °F	
Shelf Life	10.0 min	0.167 hour	box oven
	@Temperature 130 °C	@Temperature 266 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	Pink	
Coverage cm2/g	242	1st layer, Using a 230 mesh stainless steel screen
	260	2nd layer, Using a 230 mesh stainless steel screen

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