

Gwent Electronic Materials C2070126P5 High Brightness Phosphor Ink (White)

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. Screen Printing Equipment: semi-automatic, manualScreen Types: up to 156 tpi polyesterSubstrate: ITO coated polyesterInformation provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2070126P5-High-Brightness-Phosphor-Ink-White.php

Physical Properties	Metric	English	Comments	
Solids Content	78.5 - 82.5 %	78.5 - 82.5 %		
	@Temperature 150 °C	@Temperature 302 °F		
Viscosity	860 - 2500 cP	860 - 2500 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	30.0 microns	1.18 mil	Cured film thickness, 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		
	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
Coverage cm2/g	120	Using a 156 mesh polyester screen
Luminance	29.2	Phosphor powder, 24 hrs/cdm ²
Phosphor Color	white	When switched on

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