

Gwent Electronic Materials C2061027P15 High Brightness Phosphor Ink (Blue)

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, manual Screen Types: up to 156 tpi 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-C2061027P15-High-Brightness-Phosphor-Ink-Blue.php

Physical Properties	Metric	English	Comments
Solids Content	80 - 82.5 %	80 - 82.5 %	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
Viscosity	860 - 2500 cP	860 - 2500 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	30.0 microns	1.18 mil	Cured thickness on 175Åµm ITO coated polyester
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

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

Descriptive Properties	Value	Comments
Coverage cm ² /g	120	Using a 156 mesh polyester screen
Luminance	49.2	Phosphor powder, 24 hrs/cdm²
Phosphor Color	blue	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