PRODUCT INFORMATION SHEET

D2070209P6
White EL Dielectric Paste

PRODUCT DESCRIPTION
This product is part of a range of Heat Curable Pastes 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. This paste has excellent adhesion, chemical and environmental resistance properties.

Product Benefits
Excellent adhesion to ITO, chemical and environmental resistance.

PROCESSING

Screen Printing Equipment
Semi-Automatic, manual

Paste Screen Life
>3 hours

ScreenTypes
Stainless steel, polyester, mesh 156 –325 tpi

 Typical Curing Conditions
Belt Dryer 130°C for 3 minutes.
Box Oven 130°C for 10 minutes.

Clean Up Solvent
Ethoxy Propanol
Substrate
ITO coated polyester.

Storage
The product should be kept sealed, in its container, and stored at room temperature (20°C)

Shelf Life
In a sealed container, stored correctly, the shelf minimum 6 months from despatch.

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Colour</th>
<th>White</th>
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<tbody>
<tr>
<td>Solids Content at 150°C</td>
<td>73.5 - 76.5%</td>
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<tr>
<td>Viscosity</td>
<td>Haake RS1 C20/2° TIL at 230 sec⁻¹ at 25°C.</td>
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<tr>
<td>Coverage</td>
<td>242 cm² per g</td>
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<td>* 260 cm² per g</td>
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* Note: See EL Lamp Brochure for further details

PHYSICAL PROPERTIES PRINTED ON POLYESTER FILM

| Cured film thickness | Double layer on 175μ ITO coated Polyester | 20 microns |

SAFETY AND HANDLING

These pastes are intended for industrial use by trained personnel. It is important for workers to avoid overexposure to chemicals contained in these products.

Read the Material Safety Data Sheet (MSDS) and product labels before using the products.

Keep product container closed when not in use to prevent solvent evaporation and spilling hazard.