PRODUCT INFORMATION SHEET

D2090130P5
Pink Dielectric Powder

PRODUCT DESCRIPTION
This product is part of a range of Heat Curable Powders designed specifically for use in Electro Luminescence systems. These products are based on a unique curing process that results in the low temperature formation of a thermosetting polymer.

Product Benefits
Excellent adhesion to ITO, chemical and environmental resistance. This dielectric has been designed to be used with Phosphor C2080211P2 to produce a white light.

PROCESSING
Screen Printing Equipment
Semi-Automatic, manual
Powder Screen Life
>3 hours
Screen Types
Stainless steel, polyester

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>Pink</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids Content</td>
<td>72.5 - 76.5%</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1.2 – 3.0 Pa.sec</td>
</tr>
<tr>
<td>Coverage</td>
<td></td>
</tr>
<tr>
<td>1st Layer</td>
<td>242 cm² per g</td>
</tr>
<tr>
<td>2nd Layer</td>
<td>260 cm² per g</td>
</tr>
</tbody>
</table>

PHYSICAL PROPERTIES PRINTED ON POLYESTER FILM

<table>
<thead>
<tr>
<th>Cured film thickness</th>
<th>20 microns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double layer on 175µ ITO coated Polyester</td>
<td></td>
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</tbody>
</table>

SAFETY AND HANDLING
These powders 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.

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