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

This paste has been designed to be printed at high speed. This paste has good edge definition when printed at high speed. Excellent adhesion to ITO, chemical and environmental resistance.

PROCESSING

Screen Printing Equipment
Semi-Automatic, manual

Paste Screen Life
>3 hours

Screen Types
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 life is minimum 6 months from despatch.

Diluent/Thinner
Not recommended

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>73.6 - 74.6%</td>
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<tr>
<td>Viscosity</td>
<td>Haake RS 1, C20.2° at 230 sec⁻¹ at 25°C.</td>
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| Coverage     | 1st Layer
               2nd Layer
               Using a 230 mesh stainless steel screen | 167 cm² per g
               * 169 cm² per g |

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.

In a sealed container, stored correctly, the shelf life is minimum 6 months from despatch.

Diluent/Thinner
Not recommended

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