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

**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 or Sericol

**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

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**PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Colour</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids Content</td>
<td>73.5 - 76.5%</td>
</tr>
<tr>
<td>Solids Content at 150°C</td>
<td>73.5 - 76.5%</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1.4 - 3.2 Pa s</td>
</tr>
<tr>
<td>Viscosity Haake RS1 C20/2° TIL at 230 sec⁻¹ at 25°C.</td>
<td>1.4 - 3.2 Pa s</td>
</tr>
<tr>
<td>Coverage 1st Layer</td>
<td>242 cm² per g</td>
</tr>
<tr>
<td>Coverage 2nd Layer</td>
<td>* 260 cm² per g</td>
</tr>
<tr>
<td>Coverage Using a 230 mesh stainless steel screen</td>
<td>242 cm² per g</td>
</tr>
</tbody>
</table>

* Note: See EL Lamp Brochure for further details

**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>20 microns</td>
</tr>
</tbody>
</table>

**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.

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