PRODUCT INFORMATION SHEET

D2070423P5
Grey Dielectric Paste

PRODUCT DESCRIPTION
Grey coloured screen printable polymer dielectric, suitable for defining electrode areas and forms a protective layer over the electrode tracking during immersion of the electrode.

Product Benefits
The formulation is designed for maximum flexibility.

PROCESSING
Screen Printing Equipment
Automatic, Semi-Automatic, manual

Ink Screen Life
>3 hours

Screen Types
Stainless steel, polyester, mesh 156-325tpi

Typical Drying Conditions
Dry at 80°C for 30 minutes, or 130°C for 10-15 minutes in a box oven. Suitable for Jet drying, infrared and drying in high speed reel-to-reel

Clean Up Solvent
Ethoxy Propanol

Substrate
Polyester, PVC, Polycarbonate or ceramic

Storage
The product should be kept sealed, in its original temperature between 15°C to 25°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>Solids Content at 150°C</th>
<th>51.5-54.5 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity</td>
<td>12.0 – 16.0 Pa s</td>
</tr>
<tr>
<td>Haake RS1 C20/2º TlL at 230 sec⁻¹ at 25°C.</td>
<td></td>
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<tr>
<td>Coverage</td>
<td>305 cm² per g</td>
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<tr>
<td>Using a 230 mesh stainless steel screen</td>
<td></td>
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<tr>
<td>Solvent Resistance</td>
<td>THF – 2</td>
</tr>
<tr>
<td>KEY</td>
<td>Acetone – 2</td>
</tr>
<tr>
<td>Full attack – 1</td>
<td>DMF – 2</td>
</tr>
<tr>
<td>Attack - 2</td>
<td>DMAC – 2</td>
</tr>
<tr>
<td>Partial attack – 3</td>
<td>MEK – 1</td>
</tr>
<tr>
<td>No attack - 4</td>
<td>Ethanol - 4</td>
</tr>
</tbody>
</table>

SAFETY AND HANDLING
These inks 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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