PRODUCT INFORMATION SHEET

**D2171220D2**
Polymer Dielectric

**PRODUCT DESCRIPTION**
White 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. This paste is hydrophilic in nature.

**PROCESSING**

**Screen Printing Equipment**
- Semi-Automatic, automatic.

**Ink Screen Life**
- >3 hours

**Screen Types**
- Stainless steel, polyester mesh 156 to 325 counts per inch

**Typical Drying Conditions**
- Dry at 80°C for 30 minutes to 130°C for 10-15 minutes in a box oven.

**Clean Up Solvent**
- Ethoxy Propanol

**Substrate**
- Polyester, PVC, Polycarbonate or alumina.

**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.

**PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Solids Content at 150°C</td>
<td>47.40—49.40%</td>
</tr>
<tr>
<td>Viscosity Haake RS1 C20/2º TiL at 50 sec⁻¹ at 25°C</td>
<td>14.0 - 22.0 Pa s</td>
</tr>
<tr>
<td>Coverage Using a 230 mesh stainless steel screen</td>
<td>310 cm² per g</td>
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</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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