PRODUCT INFORMATION SHEET

D2150901D1
UV Clear Dielectric Paste

PRODUCT DESCRIPTION
This product is designed for screen-printing on polymer films, and for overprinting printed products.

Product Benefits
- Scratch resistant
- Long screen time
- Good adhesion to UV, solvent and water-based inks.

PROCESSING
Screen Printing Equipment
Semi-Automatic, manual

Ink Screen Life
>3 hours

Screen Types
Polyester mesh size of 150-150tpc (305-380tpi) is recommended.

Typical Drying Conditions
Cure in a UV conveyor curer. An UV dose of 450mJ/cm² is necessary to cure.

Clean Up Solvent
Ethoxy Propanol

Substrate
Polyester, PVC or Polycarbonate.

Storage
Direct sun light on open ink cans
The product should be kept sealed, in its container, and stored at ambient temperatures.

Shelf Life
In a sealed container, stored correctly, the shelf life stated on the label assures ink quality.

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Solids Content</td>
<td>95-98%</td>
</tr>
<tr>
<td>at 150°C</td>
<td></td>
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<tr>
<td>Viscosity</td>
<td>1.5-2.5 Pa s</td>
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<tr>
<td>Haake RS1 C20/2° TiL at 230 sec⁻¹ at 25°C.</td>
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<tr>
<td>Cured Thickness</td>
<td>Typically, 8-10 µ</td>
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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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