PRODUCT INFORMATION SHEET

C2050926P2
Silver Paste

PRODUCT DESCRIPTION
This product is a Lead-free termination for single layer PZT ceramics.

Product Benefits
After firing the film has good adhesion and solderability.
This product does not contain lead.

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 150°C for 10-15 minutes.

Typical Firing Conditions
700 to 800°C peak for 10 minutes in an oxidising atmosphere. Cycle time between 45 and 180 minutes depending on component size

Clean Up Solvent
Ethoxy Propanol

Substrate
Polyester, PVC, Polyimide, Polycarbonate

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.

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Solids Content at 700°C</th>
<th>70-73%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity Haake RS1 C20/2º TIl at 230 sec⁻¹ at 25°C</td>
<td>7.5 - 9.5 Pa s</td>
</tr>
<tr>
<td>Coverage</td>
<td>150 cm² per g</td>
</tr>
<tr>
<td>Sheet Resistivity</td>
<td>3mΩ/square at 25µm</td>
</tr>
<tr>
<td>Adhesion</td>
<td>60 Newtons</td>
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</tbody>
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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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