PRODUCT INFORMATION SHEET

C2100217D1
Aluminium Paste

PRODUCT DESCRIPTION
Aluminium Ink designed to give good ohmic contact on to barium titanate PTC components.

Product Benefits
This product is particularly good where large volumes of PTC components are being processed in belt furnaces conditions, where improved stain resistance and good visual appearance are required.

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 less than 10 - 15 minute.

Typical Firing Conditions
A typical peak firing temperature should between 780 to 910 °C.

Clean Up Solvent
Ethoxy Propanol

Substrate
PTC ceramic parts.

Storage
The product should be kept sealed, in its original container, and stored at a 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 150°C</th>
<th>68-72%</th>
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<tbody>
<tr>
<td>Viscosity Haake RS1 C20/2º TiL at 230 sec⁻¹ at 25°C.</td>
<td>11-18 Pa s</td>
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<tr>
<td>Coverage Using a 230 mesh stainless steel screen</td>
<td>227 cm² per g</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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