



D2180423D3
White EL Dielectric Paste
DEVELOPMENT

PRODUCT DESCRIPTION

This product has been developed as part of a range of Heat Curable Pastes designed specifically for use in **Electro Luminescent** systems. This product uses a thermoplastic polymer to give strong, flexible films.

This paste has excellent adhesion, chemical and environmental resistance properties.

Product Benefits

Excellent adhesion to ITO, chemical and environmental resistance.

PROCESSING

Screen Printing Equipment
Semi-Automatic, manual

Paste Screen Life
>3 hours

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

Typical Curing Conditions
Box Oven 150°C for 30 minutes.

Clean Up Solvent
Ethoxy Propanol or Sericol

Substrate
ITO coated polyester.

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.

Diluent /Thinner
Not recommended

PHYSICAL PROPERTIES

Colour	White
Solids Content at 150°C	62.5—64.5%
Viscosity Haake RS1 C20/2° TiL at 230 sec ⁻¹ at 25°C.	12 - 16 Pa s

PHYSICAL PROPERTIES PRINTED ON POLYESTER FILM

Cured film thickness Double layer on 175µ ITO coated Polyester	20 microns
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SAFETY AND HANDLING

These pastes 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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