



R2070613P2

Resin Binder

PRODUCT DESCRIPTION

This product is part of a range of Heat Curable Pastes designed specifically for use in **Electro Luminescent** systems. Phosphor Pastes containing these polymers combine excellent chemical, environmental with good flexibility to ITO.

Product Benefits

This polymeric binder is offered as a raw material to those customers wishing to compound their own phosphor pastes.

PROCESSING

Screen Printing Equipment
Semi-Automatic, manual

Paste Screen Life
>3 hours

Screen Types
Stainless steel, polyester

Typical Curing Conditions
Belt Dryer 130°C for 3 minutes.
Box Oven 130°C for 10 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

Solids Content at 130°C	36.0 -39.0%
Viscosity Haake RS1 C20/2° TiL at 230 sec ⁻¹ at 25°C.	0.33 - 0.15 Pa s

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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