



C2060217P3

Silver Topcoat Paste

PRODUCT DESCRIPTION

This product is a Lead free version of C70709D21. Silver Paste C2060217P3 is designed as a top coat for Silver Zinc Paste C2061103P7 printed on PTC ceramics.

Product Benefits

This product does not contain lead.

PROCESSING

Screen Printing Equipment

Semi-Automatic, manual

Paste Screen Life

>3 hours

Screen Types

Stainless steel, polyester, mesh156-325 tpi

Typical Drying Conditions

Dry at 120-150°C for 10-15 minutes.

Typical Firing Conditions

A peak temperature between 550 - 625°C is recommended.

Clean Up Solvent

Ethoxy Propanol or Sericol

Substrate

PTC ceramic discs or plates.

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

S60104D1

PHYSICAL PROPERTIES

Solids Content at 700°C	75.2—76.3%
Viscosity Haake RS 1, C20/2° at 230 sec ⁻¹ at 25°C.	11 - 18 Pa s
Coverage Using a 230 mesh stain- less steel screen	150 cm ² per g
Volume Resistivity Fired at 600°C	3.4 x 10 ⁻⁶ Ohm.cm

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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