



C2061206D1

Silver Zinc Paste

PRODUCT DESCRIPTION

This product has been designed as a 'one part system' alternative to the traditional two part system, C2061103P7 (basecoat) and C2060217P3 (topcoat). It is a screen printing ink for coating barium titanate PTC ceramic substrates.

Product Benefits

- This product does not contain Lead.
- Fast, low cost manufacturing.

PROCESSING

Screen Printing Equipment

Semi-Automatic, manual

Ink Screen Life

>3 hours

Screen Types

Stainless steel, polyester, mesh 156-325 tpi

Typical Drying Conditions

Dry at 150°C for 10-15 minutes in a box oven.

Typical Firing Conditions

The firing temperature is related to the properties of the ceramic.

Clean Up Solvent

Ethoxy Propanol or Sericol

Substrate

Barium Titanate PTC parts

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

S2030203R1.

PHYSICAL PROPERTIES

Solids Content	
Theoretical Ag content	58%
Theoretical Zn content	2%
Viscosity	
Haake RS 1, C20/2° at 230 sec ⁻¹ at 25°C.	14.75 - 16.25 Pa s

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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