

PD 5100NBU

Polymer Thick Film

Description

PD 5100NBU is a blue, one-component screen printable paste, based on a silicone resin. It is designed for use as a coating for mechanical circuit protection.

Key Features

- This material, when properly cured, yields a chemically inert film, which will not react with circuit components
- The cured film exhibits outstanding resistance to solvent attacks and shows a good thermal stability
- Free of lead, cadmium, nickel, and phthalate
- REACH and ROHS compliant



This picture does not show the packaging of PDL5100NBU and is solely intended for illustration purposes. The products are available in different packaging configurations and may change over time. Please refer to the latest safety data sheets for safety-relevant pictograms

Typical Properties

Viscosity	25 – 65 Pa·s(25°C, D = 100/s)
Color	Blue

Recommended Processing Guide

Printing Parameters	Mix well prior to using. If stored in a cool environment, allow paste to return to room temperature prior to opening to avoid condensation. Print using a 200 mesh stainless steel screen.
Leveling	Level at room temperature post printing (wet) for 5-10 minutes
Film Thickness	90 - 110 µm wet, 30 µm dry and fired
Recommended Thinner	Heraeus HVS 100, Heraeus HVS 252

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Warranty

Material guaranteed to meet specifications for 3 months from date of manufacturing with proper storage.

Storage

Store in dry, cool (2 – 23 °C) and dark place with container tightly shut. Avoid exposure to sunlight and high humidity. Spatulate well prior to processing.

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