

UVD5280

Polymer Thick Film

Description

UVD5280 is a screen printable UV dielectric ink for low cure applications. This UV dielectric ink, when properly cured, has good adhesion to most untreated and treated flexible plastic films such as polyester. UVD5280 can be used for insulation of silver traces and a dielectric for cross-overs in membrane keyboard applications.

Key Features

- Fast UV curing
- 5B adhesion (ASTM d3359) to untreated and treated flexible plastic films
- Compatible with PriElex Ag silver materials



This picture does not show the packaging of UVD5280 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

Conductivity	> 50 x 10 ⁹ Ω @ 25 microns cured (2 printed layers)
Viscosity	5 - 15 Kcps; Brookfield RVT SC4-14 spindle and 6R utility cup @ 10 rpm, 25 °C
Color	White
95% Max Particle Size	<5 μm hegman gauge

Recommended Processing Guide

Printing Parameters	325 stainless steel mesh screen 0.5 mil emulsion
Drying Temperature	550mJ UVA source
Film Thickness	10-20 μm DFT
Recommended Thinner	LC-3662

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Warranty

6 Months

Storage

Ambient storage, mix well prior to use

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