

### IP9241

#### Dielectric / Glaze

##### Description

IP9241 is a Pb and Cd free blue dielectric paste that can be fired between 850°C and 950°C. It contains a unique glass system that allows for application onto alumina and alumina nitride substrates. IP9241 has a dense fired film and is compatible with a variety of conductors designed for use on alumina and aluminum nitride.

##### Key Features

- Excellent electrical properties Wide firing window



*This picture does not show the packaging of IP9241 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	40 – 80 Kcps Brookfield RVT SC4 – 14 spindle with 6R utility cup at 10 rpm, 25 °C
Solids	73.5 ± 1.5 %
Blendable	
Coverage	
Color	

##### Recommended Processing Guide

Printing Parameters	200 – 280 mesh stainless steel screen 0.5 mil emulsion thickness
Printing Speed	
Leveling	
Drying Temperature	150 °C for 10 minutes
Process Temperature (TDS)	850 – 950 °C peak temperature Dwell time of 10 minutes
Film Thickness	15 – 25 µm (1 layer); 45 – 75 µm (3 layers)
Recommended Thinner	Heraeus RV-507
Paste Compatibility	

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#### Warranty

TBD

#### Storage

Store in a dry location at 20 – 25 °C with container lid safely fastened.

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