

IP9036A

Dielectric / Glaze

Description

IP9036A is a Pb, Cd and Ni free with green color for optimum laser trim characteristics. IP9036A was developed for large area printing and chip resistor applications where excellent resistance to plating solutions is needed. IP9036A is compatible with C8727, C8729 and other Heraeus conductors and the R8900 series resistors.

Key Features

- Minimizes resistance shift on refire Excellent plating solution resistance Pinhole free Single coat application



This picture does not show the packaging of IP9036A 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	60 – 120 Kcps Brookfield HBTSC4 – 14 spindle, 6R utility cup at 10 rpm, 25 °C
Solids	79.0 ± 1.0 %
Blendable	
Coverage	160 cm ² /g at 10 µm wet film thickness
Color	Green

Recommended Processing Guide

Printing Parameters	280 mesh stainless steel screen 0.5 mil emulsion 1.1 mil wire
Printing Speed	
Leveling	
Drying Temperature	Allow to level for 10 minutes before drying 150 °C for 10 minutes
Process Temperature (TDS)	600 – 620 °C peak temperature Dwell time of 4 – 6 minutes
Film Thickness	Dried: 20 – 22 µm Fired: 8 – 12 µm
Recommended Thinner	RV-507
Paste Compatibility	

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Warranty

6 months

Storage

store in a dry, cool (5 – 25 °C) and dark place with container tightly shut

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