

IP9049H

Dielectric / Glaze

Description

IP9049H is a white dielectric, particularly developed for use as an acid-resistant overglaze on chip and standard resistors.

Key Features

- It can withstand plating solutions, eg. Ni baths with pH-values of 4-5 and Pb/Sn baths with pH-values of < 1
- Also resistant to mildly alkaline solutions



This picture does not show the packaging of IP9049H 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	25-45 Pas (25 °C, D = 100/s)
Coverage	c. 111 cm ² /g (FFT: 15 µm)
Metal	None
Color	White

Recommended Processing Guide

Process Temperature (TDS)	Fire at 580-620 °C (peak) for 2 minutes, and with a total firing cycle time of c. 25-30 minutes.
Film Thickness	16-20 µm

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