Heraeus

Electronics

IP9029H

Dielectric / Glaze

Description

IP9029H is a green 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 IP9029H 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 cm2/g (FFT: 15 um)
Metal	None
Color	Green, transparent

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	14-18 um

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