

IP9038White

Dielectric / Glaze

Description

IP9038 White is a Pb, Cd and Ni free white overglaze designed for printing and firing over thick film resistors. IP9038 White provides improved trimmed resistor stability and environmental protection. IP9038 White has been proven to withstand plating solutions. IP9038 White has excellent process insensitivity and is compatible with all Heraeus air-fireable resistor series.

Key Features

- Minimizes resistance shift on refire
- Pinhole free
- Single coat application
- Resistant to plating solutions



This picture does not show the packaging of IP9038 White 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	140-180 Kcps Brookfield HBTSC4-14 spindle and 6R utility cup at 10 rpm, 25 °C
Solids	75.0 ± 2.0 %
Coverage	160 cm ² /g at 10 um fired film thickness

Recommended Processing Guide

Process Temperature (TDS)	500-520 °C peak temperature. Dwell time of 4-8 minutes.
Film Thickness	10-12 um

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