

## IP9036Black

### Dielectric / Glaze

#### Description

IP9036 Black is a black passivation glass which fires at 610 °C to a smooth, pinhole-free film. IP9036 Black is resistant to plating solutions and is designed for use in the Heraeus chip resistor system. IP9036 Black is designed to be pinhole free after firing, even when printed into laser trim kerfs.

#### Key Features

- Resistant to Ni and Pb/Sn plating solutions
- Minimizes resistance shift
- Pinhole free
- Single coat application



*This picture does not show the packaging of IP9036 Black 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	80-140 Kcps Brookfield HBTSC4-14 spindle and 6R utility cup at 10 rpm, 25 °C
Solids	76.5 ± 1.5 %

#### Recommended Processing Guide

Process Temperature (TDS)	600-620 °C peak temperature. Dwell time of 1-2 minutes.
Film Thickness	12 µm

#### Americas

Phone +1 610 825 6050  
electronics.americas@heraeus.com

#### Asia Pacific

Phone +65 6571 7649  
electronics.apac@heraeus.com

#### China

Phone +86 53 5815 9601  
electronics.china@heraeus.com

#### Europe, Middle East and Africa

Phone +49 6181 35 4370  
electronics.emea@heraeus.com

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Version (last updated) 26 Feb 2026

Heraeus Electronics GmbH & Co.KG, 63450 Hanau, Germany  
Web: www.heraeus-electronics.com