

SD1019

Dielectric / Glaze

Description

SD1019 is a screen printable 850 °C overglaze paste. Because of the high firing temperature it fires to a transparent green color and very dense glaze layer which is highly resistant vs acid, especially to protect heating tracks on dielectric on steel.

Key Features

- Extremely resistant vs citric acid and salt fog / spray
- Excellent compatibility with HERAEUS heating tracks and its conductor termination on dielectric SD1010



This picture does not show the packaging of SD1019 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	16-22 Pas (23 °C, D = 33/s)
Solids	66.5-69.5 %
Metal	None
Color	Green, transparent

Recommended Processing Guide

Process Temperature (TDS)	Fire at 850 °C (peak) for 10-12 minutes, and with a total firing cycle time of c. 30-60 minutes.
Film Thickness	14-22 um

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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