

CL11-5100

Component Metallization

Description

CL11-5100 is a fritless platinum paste, which fires to a pure metal surface. CL11-5100 has a rheology suitable for screen printing.

Key Features

- Chemically resistant Fritless paste Can be used on zirconia or Titania bodies



This picture does not show the packaging of CL11-5100 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

Conductivity	≤ 60 milliohms/square at 12 microns fired film thickness
Viscosity	70-110 Kcps, Brookfield HAT, #14 spindle in jar @10 rpm, 25°C
Solids	84.5 ± 1%
Alloy Ratio	100
Metal	Pt
Color	Grey

Recommended Processing Guide

Printing Parameters	280 –325 mesh 0.5 mil emulsion
Drying Temperature	90 –130°C peak temperature Cycle time of 10 minutes
Process Temperature (TDS)	900-1200°C peak temperature Dwell time of 9-11 minutes
Film Thickness	Dried: 16 – 18 µm Fired: 10 – 12 µm
Recommended Thinner	RV-372

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Warranty

6 months

Storage

Store in a dry condition at 5 – 25 °C,

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