

Technical Data Sheet

THICK FILM MATERIALS

Product Type: Component Metallizations

Product Name: CL 11-5349



Platinum Conductor

Description

CL11-5349 is a fritless platinum paste, which fires to a pure metal surface. CL11-5349 has a rheology suitable for brushing and painting printing.

Key Benefits

- Chemically resistant
- Fritless paste
- Can be used on Alumina, Zirconia or Titania bodies
- REACH¹ and ROHS² compliant

Typical Properties

Metal Type

Platinum

Viscosity

16 – 24 Kcps Brookfield HAT #14 spindle, 6R utility cup at 10 rpm, 25 °C

Solids

73.2 ± 1.0 %

Recommended Processing Guidelines

Drying

90 – 130 °C for 10 minutes

Firing

900 – 1200 °C peak temperature
Dwell time of 9 – 11 minutes at peak

Thinner:

RV-372

Warranty:

Material guaranteed to meet specifications for 6 months from date of shipment.

Storage:

Store in a dry location at 5 – 25 °C.

DO NOT REFRIGERATE.

Allow paste to come to room temperature prior to opening.
Spatulate well before using, as settling may occur during storage.

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Legend:

1) REACH compliant according to the latest * Annex XIV to Regulation (EC) of the European Parliament and of the council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ("REACH") by European Chemicals Agency and its subsequent amendments; the material does not contain any substance listed in Annex XIV.

2) RoHS compliant according to the latest * Directives (European Union) of Restriction of Hazardous Substances ("RoHS") and its subsequent amendments (including the exceptions related to Pb)

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