

Technical Data Sheet

THICK FILM MATERIALS

Product Type: Conductors

Product Name: C 4300UF



Unfritted Gold

Description

C 4300UF is a specialty unfritted gold conductor, which is used in multilayer applications as a top layer conductor requiring a glass free surface.

Key Benefits

- RoHS¹ compliant
- Glass free surface after firing
- Screen printable viscosity

Typical Properties

Viscosity

120 - 150 Kcps, Brookfield HBT, SC4-14 spindle and 6R utility cup at 10 rpm, 25°C.

Solids

84.0 ± 1.0 %

Recommended Processing Guidelines

Printing

180 - 325 stainless steel mesh screen
0.3 – 0.5 mil emulsion

Drying

150 °C for 10 – 15 minutes

Firing

850 °C – 950 °C peak temperature
Dwell time of 6 – 10 minutes

Thinner

RV-372

Warranty

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

Storage

Store in a dry location at 5 °C – 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) 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)

* See the data sheet issue date (DD/MM/YY) as reference of validity of latest edition which is available on request

Heraeus Electronics
Heraeus Deutschland GmbH & Co. KG
Heraeusstraße 12 – 14
63450 Hanau, Germany
www.heraeus-electronics.com

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

China
Phone +86 21 3357 5457
electronics.china@heraeus.com

Asia Pacific
Phone +65 6571 7677
electronics.apac@heraeus.com

Europe, Middle East and Africa
Phone +49 6181 35 3069, +49 6181 35 3627
electronics.emea@heraeus.com