

Technical Data Sheet

THICK FILM MATERIALS

Product Type: Conductors

Product Name: C4300UF

Unfritted Gold

Description

C4300UF is a specialty unfritted gold conductor, which is used in multilayer applications as a top layer conductor requiring a glass free surface.

Key Benefits

- 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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