

Technical Data Sheet

THICK FILM MATERIALS

Product Type: End Terminations

Product Name: ET3202



Lead Free Plateable Silver End Termination

Description

ET3202 is a low silver, Pb and Cd free, nickel plateable, end termination. It is designed to be compatible on inductor bodies, multi-layer varistors and multilayer ceramic chip capacitors (NPO and X7R bodies). Nickel plating can be done without pre-plate processing due to the low glass content on the fired surface.

The rheology of ET3202 is suitable for machine dipping.

Key Benefits

- Low Ag content (60 %)
- Nickel plateable no pre-plate processing
- Low usage excellent coverage uniformity
- Dense fired microstructure
- Pb and Cd free

Typical Properties

Metal Type

Silver

Viscosity

30 – 40 Kcps Brookfield RVT

SC4 – 14 spindle, 6R utility cup at 10 rpm, 25 °C

Solids

81.5 ± 1.5 %

FOG

≤ 10 µm (at 4th scratch)

Recommended Processing Guidelines

Drying

150 °C for 10 minutes

20 minutes total cycle time

Firing

650 – 800 °C peak temperature

Dwell time at temp. 5 – 7 minutes

Thinner:

RV-372

Warranty:

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

Storage:

Store in a dry location at 20 – 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.

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 53 5815 9601
electronics.china@heraeus.com

Asia Pacific
Phone +65 6571 7649
electronics.apac@heraeus.com

Europe, Middle East and Africa
Phone +49 6181 35 4370
electronics.emea@heraeus.com

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