

Capacitor Materials

ET1795

Silver/Platinum End Termination

Description:

ET1795 is a cadmium free, nickel plateable Ag/Pt end termination. ET1795 is supplied at a viscosity suitable for machine dip and blot or no blot applications. ET1795 also exhibits excellent adhesion to various types of ceramic: BeO, Al₂O₃, ZnO and BaTiO₃. The rheology is suitable for large chips.

● **Key Benefits**

- Cadmium free
- Excellent adhesion on various ceramics
- High plating rate
- Machine dippable
- Suitable for large chips
- Excellent green strength

● **Typical Properties:**

Metal type:

Silver/Platinum

Viscosity:

6.0-7.9 Pas: Haake PK1-1.0,
200sec⁻¹, 25°C.

Solids:

78.0 ± 1.5%

F.O.G.:

Less than 10 microns (4th scratch)

● **Recommended Processing Guidelines:**

Drying:

140 - 150°C peak drying profile
2-3 minutes at peak temperature
20 minutes total cycle time

Firing:

720-850°C peak temperature
Dwell time of 10 minutes

Thinner:

RV-372 (Terpineol)

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.

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The descriptions and engineering data shown here have been compiled by Heraeus using commonly-accepted procedures, in conjunction with modern testing equipment, and have been compiled as according to the latest factual knowledge in our possession. The information was up-to date on the date this document was printed (latest versions can always be supplied upon request). Although the data is considered accurate, we cannot guarantee accuracy, the results obtained from its use, or any patent infringement resulting from its use (unless this is contractually and explicitly agreed in writing, in advance). The data is supplied on the condition that the user shall conduct tests to determine materials suitability for a particular application.

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