

## Component Metallizations

### ET1912

#### End Termination

**Description:**

ET1912 is a leach resistant end termination material for chip varistors. It is supplied with a rheology suitable for machine dip and blot applications.

**● Key Benefits:**

- Materials are specifically formulated for ceramic type
- Low cost
- Outstanding electrical characteristics
- Machine dippable
- Cadmium free

**● Typical Properties:****Metal type:**

Silver/Palladium/Platinum

**Viscosity:**

22-35 Kcps, Brookfield RVT  
SC4-14 spindle and 6R utility cup  
@ 10 rpm 25°C

**Solids:**

79.0 ± 1.5%

**F.O.G.**

Less than 10 microns

**● Recommended Processing Guidelines:****Drying:**

Dry at 150 °C for 10 minutes.

**Firing:**

650°C peak temperature  
Dwell time of 4-6 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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