

## Component Metallizations

### CL80-8747



## Zinc Oxide Varistor Termination

#### Description:

CL80-8747 is a varistor disc termination. It exhibits excellent electrical performance characteristics.

#### ● Key Benefits:

- Material is specifically formulated for ZnO
- Low laydown
- Outstanding electrical characteristics
- Screen printable

#### ● Typical Properties:

#### Metal type:

Silver

#### Viscosity:

50-75 Kcps, Brookfield HBT SC4-14 spindle and 6R utility cup @ 10 rpm, 25°C.

#### Solids:

74.0 ± 1%

#### F.O.G

Less than 10 microns (4<sup>th</sup> scratch)

#### ● Recommended Processing Guidelines:

#### Printing:

105-200 mesh stainless steel screen

#### Drying:

Dry at 150 °C for 10 minutes

#### Firing:

600°C – 700°C peak temperature

#### 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-°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.

Americas  
Heraeus Materials Technology LLC  
Thick Film Materials Division  
24 Union Hill Road  
West Conshohocken, PA 19428  
USA  
Phone: +1 (610) 825-6050  
E-Mail: [techservice.hcd@heraeus.com](mailto:techservice.hcd@heraeus.com)  
Internet: [www.thickfilm.net](http://www.thickfilm.net)

Europe  
W.C. Heraeus GmbH  
Thick Film Materials Division  
Heraeusstr. 12-14  
63450 Hanau  
Germany  
Phone: +49 (6181) 35-5466  
E-mail: [th-info@heraeus.com](mailto:th-info@heraeus.com)  
Internet: [www.heraeus-thickfilm.com](http://www.heraeus-thickfilm.com)

Asia  
Heraeus Materials Technology  
Shanghai Ltd.  
No. 1 Guang Zhong Road  
Zhuanqiao Town, Minhang District  
Shanghai 201108  
People's Republic of China  
Phone: + 86 (21) 3357-5688  
E-Mail: [th.hmts@heraeus.com](mailto:th.hmts@heraeus.com)  
Internet: [www.heraeus-thickfilm.com](http://www.heraeus-thickfilm.com)