

## Component Metallizations

### CL11-7859

#### Pt Buried Electrode

CL11-7859 is a pure platinum buried electrode. It fires to a dense internal layer, without mismatch, to a variety of cofired multilayer structures, including zinc oxide for multilayer varistors (MLV).

CL11-7859 is supplied with a clean burnout organic system, specifically formulated to reduce vertical delaminations.

- **Key Benefits:**

- Compatible with acrylic and PVB based dielectric tapes
- Recommended for MLV parts
- Inert metal system

- **Typical Properties:**

**Metal type:**  
Platinum

**Viscosity:**  
30-40 Kcps, Brookfield RVT,  
SC4-14spindle and 6R utility cup  
@ 10 rpm, 25°C.

**Solids:**  
67 ± 1%

**FOG:**  
Less than 10 microns

- **Recommended Processing Guidelines:**

**Printing:**  
325 mesh screen  
0.5 mil emulsion  
1.1 mil wire.

**Drying:**  
Dry at 120°C for 5 minutes

**Firing:**  
1320°C (maximum)

**Thinner:**  
RV-150 (Deodorized Kerosene)

**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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## Component MetallizationS

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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 Incorporated  
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-th.com](http://www.heraeus-th.com)

#### Asia

Heraeus Materials Technology  
Shanghai Ltd.  
No. 1 Guang Zhong Road  
Zhuangqiao Town, Minhang District  
Shanghai 201108  
People's Republic of China  
Phone: + 86 (21) 6442-6838  
E-Mail: [th.hmts@heraeus.com](mailto:th.hmts@heraeus.com)  
Internet: [www.heraeus-th.com](http://www.heraeus-th.com)