

## Component Metallizations

### CL11-7840

#### Platinum Conductor

**Description:**

CL11-7840 is a platinum conductor designed to be used in conjunction with a high fire, high alumina ceramic body. CL11-7840 is used in critical applications where corrosion resistance is essential. It can be used to fill large cavities or as an inner conductor.

**● Key Benefits:**

- Cofireable
- Pure Platinum
- Inert ceramic filler is added to reduce shrinkage
- Corrosion Resistant

**● Typical Properties:****Viscosity:**

250-350 Kcps Brookfield HBT.  
SC4-14 spindle and a 6 R utility cup  
@ 10rpm, 25°C.

**Solids:**

83.0 ± 1%

**● Recommended Processing Guidelines:****Printing:**

250-325 mesh screen  
0.5 mil emulsion.  
Can also be stencil printed.

**Drying:**

100-150°C for 10 minutes

**Firing:**

1000-1400°C peak firing temperature

**Thinner:**

Heraeus 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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