

## Component Metallizations

### BE226

#### Palladium Buried Electrode

**Description:**

BE226 is a pure palladium buried electrode. It fires to a dense internal layer, without mismatch, to a variety of body types.

BE226 is supplied with a clean burnout organic system, specifically formulated to reduce vertical delaminations.

● **Key Benefits:**

- Low ESR
- For high frequency parts
- Compatible with acrylic and PVB based dielectric tapes
- Pb and Cd free

● **Typical Properties:**

**Metal type:**  
Palladium

**Viscosity:**  
30-40 Kcps, Brookfield RVT, Sc 4-14 spindle and 6R cup @ 10 rpm, 25°C.

**Solids:**  
50.0 ± 1%

**FOG:**  
Less than 10 microns at 50%

● **Recommended Processing Guidelines:**

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

**Drying:**  
Dry at 150°C for 5 minutes.

**Firing:**  
1450°C (maximum)

**Laydown:**  
9.0 milligrams/in<sup>2</sup> (dry film).

**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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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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