

Component Metallizations

A6080XR



Platinum Inner Conductor

Description:

A6080XR is a pure Pt paste designed to be used in conjunction with a high fire, high alumina ceramic body, for critical applications where corrosion resistance is essential.

● Key Benefits

- Cofireable
- Pb Free
- Pure Platinum
- Corrosion Resistant

● Typical Properties:**Color:**

Dark Gray Paste

Resistivity:

< 350 milliohms/square

Viscosity:

220 - 260 Kcps
Brookfield, HBT, SC4-14,
and 6R cup, 10rpm, 25°C

Solids:

80.5 % ± 0.5%

FOG:

< 10 microns (1st scratch)

● Recommended Processing Guidelines:**Printing:**

200 mesh stainless steel screen
0.5 mil emulsion

Drying:

Dry at 100-150°C for 10 minutes

Firing:

900-1100°C peak temperature

Thinner:

RV-252 (Butyl Carbitol Acetate)

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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