

Component Metallizations

CL80-9372



Pb Free NTC Thermistor Termination

Description:

CL80-9372 is a Pb free silver termination material designed for use on NTC Thermistors. It is supplied with a screen printing rheology. CL80-9372 exhibits high adhesion and gives excellent resistance stability after solder and lead attachment.

● **Key Benefits:**

- Lead free
- Custom formulated for NTC bodies
- Excellent adhesion and solderability
- Screen printable

● **Typical Properties:**

Metal type:

Silver

Viscosity:

100 -150 Kcps, Brookfield HBT,
SC4-14 spindle and 6R utility cup
@ 10 rpm, 25°C.

Adhesion:

- > 5lbs (SAC305 @ 250°C)
- > 5lbs (Sn62 @ 230°C)

Solids:

84.0 ± 1.0%

F.O.G.

Less than 12 microns at 3rd scratch

● **Recommended Processing Guidelines:**

Printing:

280-325 mesh stainless screen
0.5mil emulsion

Drying:

Dry at 150°C for 10 minutes.

Firing:

750°C peak temperature
Dwell time of 10 minutes

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-25°C.

DO NOT REFRIGERATE.

Allow paste to come to room temperature
prior to opening.

Spatulate well before using.

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Component Metallization

CL80-9272



Pb Free NTC Thermistor Termination

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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