

Dielectric

IP9036A



Resistor Overglaze (Green)

Description:

IP9036A is a lead, nickel and cadmium free with green color for optimum laser trim characteristics. IP9036A was developed for large area printing and chip resistor applications where excellent resistance to plating solutions is needed. IP9036A is compatible with C8727, C8729 and other Heraeus conductors and the R8900 series resistors.

● Key Benefits:

- RoHS compliant*
- REACH compliant**
- Minimizes resistance shift on refire
- Excellent plating solution resistance
- Pinhole free
- Single coat application

● Typical Properties:

Coverage:

160 cm²/g @ 10 microns fired film thickness

Viscosity:

60 - 120 Kcps
Brookfield HBT, SC4-14 spindle
and 6R utility cup @ 10 rpm, 25°C.

Solids:

79.0± 1.0%

● Recommended Processing Guidelines:

Printing:

280 - 325 mesh stainless steel screen
0.5 mil emulsion
1.1 mil wire

Drying:

Allow to level for 10 minutes before drying
Dry at 150°C for 10 minutes

Firing:

600°C - 620°C peak temperature
Dwell time of 4 - 6 minutes

Thickness:

Dried: 20-22 microns
Fired: 8-12 microns

Thinner:

RV-507 (Texanol)

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.

YY0511.7

*RoHS Statement

Compliant according to Directives (European Union) No 2002/95/EC of Restriction of Hazardous Substances ("RoHS") and its subsequent amendments (including the exceptions No. 5 and 7 of the EU Directive e.g. related to Pb bounded in a glass matrix as oxide PbO)

**REACH Statement

Compliant according to the Commission Regulation (EU) No 143/2011 of Feb. 17, 2011 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ("REACH") by European Chemicals Agency.

