Technical Data Sheet

Conductive Silver Paste
62101014

Application

62101014 (L310N) Polymer Ag Conductor is designed for metallization of ceramic, glass, wood, polyester, epoxy, Pertinax and other materials.

62101014 Polymer Ag is formulated and processed to be RoHS compliant.

Typical Formulation Properties

Viscosity: 15 ± 2.2 Pa.s at 20 °C, using a plate/ cone viscometer at shear rate of D=100/s.

Ag content: 62.0%

Storage and Shelf Life: This product should be stored in tightly sealed containers at 10 – 25 °C, in a dry place away from direct sunlight. The shelf life of a factory sealed container is a minimum 6 months from date of shipment when properly stored.

Typical Processing Recommendations

Thinning: This paste is formulated at the appropriate viscosity for the intended application; 68100025 may be used to replace solvent loss.

Screen printing: 160-250 mesh; 20 µm emulsion

Drying options:

2 h at 60 °C
1 h at 120 °C
30 min at 150 °C

Typical Film Properties

Resistivity: ≤ 60 mΩ/sq. at 10 µm thickness

EU RoHS Directive 2011/65/EU

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