

Technical Data Sheet

Conductive Silver Lacquer 62000007

Application

62000007 (L200N) Polymer Ag Conductor is an air-drying conductive lacquer. It provides electrically conductive layers on plastics, paper, wood, glass, ceramics, metals and other surfaces.

62000007 Polymer Ag Conductor can be applied by brushing, spraying, and dipping and is formulated and processed to be RoHS compliant.

Typical Formulation Properties

Viscosity: 30-35 Pa.s at 25°C, using a Ford cup with 3 mm opening according to DIN 53211.

Ag content: 45.0%

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; 68100222 may be used to replace solvent loss.

Mixing: Due to the intentional low viscosity, a shaker or an electrical or air-driven stirrer should be used to re-disperse the ink and ensure homogeneity of the product prior to using the material.

Drying options:

30 min at 25 °C
10 min at 80 °C
5 min at 150 °C

Typical Film Properties

Resistivity: 10-40 mΩ/sq. at 10 μm thickness



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