

Technical Data Sheet

Conductive Silver Lacquer 62001412

Product description

62001412 (L2004) is a 2 Component Ag lacquer especially designed for metallization of Ceramic, Glass, Wood, Polyester, Epoxy and Pertinax.

62001412 is formulated and processed to be RoHS compliant.

Working Conditions

The application of the paste is recommended as follows:

Preparation: Mix 10 % of hardener 68103002 to the silver paste. Please ensure that the paste is carefully homogenized before use. We recommend to use an electrical propeller stirrer at appr. 300 rpm for 10 min.

Thinner: This paste has a ready to use viscosity. If viscosity adjustment is necessary please use our thinner 68100041.

Application: Paste can be applied by brush, spray gun or dipping.

Drying:

- 12 h at 50 °C, Air forced oven or
- 3 h at 70 °C, Air forced oven or
- 2 h at 100 °C, Air forced oven or
- 30 min at 130 °C, Air forced oven or
- 20 min at 150 °C, Air forced oven or
- 10 min at 180 °C, Air forced oven or
- 5 min at 200 °C, Air forced oven or

Higher temperatures achieve better properties!

Storage conditions (unmixed components): To avoid sedimentation of the solids and to prevent ageing of the paste we recommend storage conditions between 4 – 20 °C. If longer storage than 6 months is necessary we strongly recommend to store cool between 4 – 8 °C.

Pot life of mixed Components: Approx. 10 h / 20 °C

Product properties	Methods	Data
Silver content	At 800 °C, 10 min	53.0 ± 0.5%
Viscosity	Flow cup – system, DIN 53211 Ø 3 mm at 25 °C	15 – 25 s run out time
Sheet Resistivity		0.1 – 5 Ω (according to thickness of layer and drying temperature)



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