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CERMET SILVER CONDUCTOR 9912-MM Spray

Lead and Cadmium-free*

ESL 9912-MM Spray is a silver conductor for spraying on to piezo-electronics.

PASTE DATA

Rheology: Low viscosity paste

Viscosity:

(Brookfield RVT, 10rpm,

No. 4 Spindle, 25.5 ± 0.5 °C) 1 - 30 Pa.s

Shelf Life (20 - 25 °C): 6 months (stirring before use)

PROCESSING

Screen Mesh, Emulsion: 325 S/S, 25 µm

Levelling Time (at 20 °C): 5 - 10 min

Drying Time (at 125 °C): 10 - 15 min

Firing Temperature: Range: 650 - 900 °C in air

Optimum: 700 °C in air Time at peak: 10 min

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Total Firing Cycle: 1 hour

Thinner: ESL 114

ESL Europe 9912-MM Spray 0509-A

TYPICAL PROPERTIES

Resistivity: (measured on a 100 mm x 0.25 mm conductor track)	< 2.0 mΩ/□

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*None of the six substances referred to in the RoHS Directive (2002/95/EC) are used in the formulation of this product.

CAUTION: Proper industrial safety precautions should be exercised in using these products. Use with adequate ventilation. Avoid prolonged contact with skin or inhalation of any vapours emitted during use or heating of these compositions. The use of safety eye goggles, gloves or hand protection creams is recommended. Wash hands or skin thoroughly with soap and water after using these products. Do not eat or smoke in areas where these materials are used. Refer to appropriate MSDS sheet.

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