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DIELECTRIC COMPOSITION 4909-MOD

ESL 4909-MOD is designed for printing over fired thick film thermal printhead resistors. It provides excellent thermal conductivity as well as a wear-resistant surface.

PASTE DATA

RHEOLOGY:	Thixotropic, screen printable paste
VISCOSITY: (Brookfield RVT, ABZ Spindle, 10 rpm, 25.5°C±0.5°C)	70±15 Pa•s
COLOR:	White
(Fired)	Clear, transparent
SHELF LIFE: (at 25°C)	6 months

PROCESSING

SCREEN MESH/EMULSION	150/25-40 microns
LEVELING TIME:	5-10 minutes
DRYING AT 125°C:	10-15 minutes
FIRING TEMPERATURE RANGE:	850°C
TIME AT TEMPERATURE:	10-12 minutes
SUBSTRATE FOR CALIBRATION:	96% alumina
THINNER:	ESL 401

TYPICAL PROPERTIES

FIRED FILM: (Ra)	≤ 0.5 micron

4909-MOD 9607-B

ESL Affiliates
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See Caution and Disclaimer on other side.

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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 vapors 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.