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ALUMINA DIELECTRIC 4492

RoHS Compliant* Dielectric for Oxygen Sensors

ESL 4492 is an alumina paste composition for use in planar oxygen sensors. It is a screen-printable thick-film paste.

PASTE DATA

RHEOLOGY:	Thixotropic, screen printable paste
VISCOSITY: (Brookfield RVT, ABZ Spindle, 10 rpm, 25.5°C±0.5°C)	200±50 Pa·s

PROCESSING

SCREEN PARAMETERS	200 mesh/ 25.4µm emulsion
LEVELING TIME: (25°C)	5-10 minutes
DRYING AT 125°C:	10-15 minutes
SHELF LIFE: (at 25°C)	6 months

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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.