CERMET PLATINUM CONDUCTOR

RoHS Compliant* Conductor for Conical Oxygen Sensors

ESL 5573 is a platinum conductor for use as an outer electrode material for partially stabilized zirconia conical oxygen sensors. This material performs well when fired on partially fired ceramic bodies. It is pad-printable.

PASTE DATA

RHEOLOGY: Pad-printable paste

VISCOSITY:

(Brookfield HBT, SC4-14/6R, 10 RPM at 25°C±0.5°C) 22-32 Pa·s

SHELF LIFE: 6 months

PROCESSING

SCREEN MESH/EMULSION: (Printing Grade) 325/25 μm

DRYING: 10-15 minutes, 125°C

FIRING RANGE: 1250°C-1510°C

TIME AT PEAK: 120 minutes

SUBSTRATE OF CALIBRATION: 96% alumina

THINNER ESL 437
* Complies with RoHS, ELV, WEEE and CHIP 3 EC directives.

**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.

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