CERMET PLATINUM CONDUCTOR  5572

RoHS Compliant* Conductor for Conical Oxygen Sensors

ESL 5572 is a platinum conductor for use as an inner electrode material for partially stabilized zirconia conical oxygen sensors. A pouring grade is available upon request.

PASTE DATA

RHEOLOGY:  Thixotropic, screen printable paste

VISCOSITY:  (Brookfield HBT, cone/plate, 38.4 sec⁻¹ at 20°C±0.5°C)  50-100 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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