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CATHODE PASTE

4420

RoHS Compliant* • For SOFC & Other Fuel Cells

ESL 4420 is a cathode paste composition that contains lanthanum strontium manganese oxide (La_{0.80}Sr_{0.2}MnO₃). It is a screen-printable or dispensable thick-film paste that is catalytic as well as porous.

PASTE DATA

Rheology: Thixotropic, screen-printable paste

Viscosity:

(Brookfield RVT, 10 rpm,

ABZ spindle, 25.5 ± 0.5 °C) 100 ± 50 Pa.s

Colour: Black

Shelf Life (20 - 25 °C): 6 months

PROCESSING

Levelling Time (at 20°C): 5 - 10 min

Drying Time (at 125°C): >15 min



ESL Europe (KOP) 4420 0403-New

*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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