

TO2002

LTCC

Description

TO2002 is a Screen Printingable dielectric that can be co-fired with HL2000 to act as a solder mask. TO2002 has excellent adhesion to HL2000 and is impervious to most solvents, moisture and soldering.

Key Features

- Solder mask for HL2000 tape Impervious to most solvents, moisture and solder

Typical Properties

Viscosity	35 – 45 Kcps, Brookfield HBTviscometerSC4 – 14 spindle with 6R utility cup at 10 rpm, 25 °C
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Recommended Processing Guide

Process Temperature (TDS)	Co-fire with HL2000 Burnout and firing profile in a box oven. Ramp at 3 °C/min to 100 °C for start of burnout. Burnout: ramp at 2 °C/min to 450 °C (typically no holds are required during burnout). Ramp at 8.0-10 °C/min to 865 °C. Firing peak: 865 °C for 20-30 minutes. Cool at 10 °C/min to room temperature.
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Film Thickness	18 – 22 µm
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