PRELIMINARY DATA SHEET  

M4023-C

A black glass designed for Planar Display ribs.

PASTE DATA

RHEOLOGY:  Thixotropic, screen printable paste

VISCOSITY:  (Brookfield HBT, No. 6 spindle, 10 rpm, 25.5°C±0.5°C)  350±50 Pa.s

COLOR:  Black

SHELF LIFE:  (25°C)  6 months

PROCESSING

SCREEN MESH/EMULSION:  200/64 µm

LEVELING TIME:  5-10 minutes

DRYING AT 125°C:  10-15 minutes

FIRING:  SEE PROFILE ON BACK PAGE

FIRING TIME:  (in air)  10 minutes

SUBSTRATE FOR CALIBRATION:  soda lime glass

THINNER:  ESL 401

TYPICAL PROPERTIES

FIRED THICKNESS:  47±9 µm

CAPACITANCE RANGE:  8-19 pf/mm²

VOLTAGE BREAKDOWN  
(at 25 µm thickness)  > 300 VDC

INSULATION RESISTANCE:  > 10⁸ Ω

M4023-C  9512-B
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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