

极速翻译

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Model EXL9134(f1)(X)(GG), EXL9134B(f1)(X)(GG)  
File Number: E45329



COMPANY

SABIC INNOVATIVE PLASTICS B V  
EUROPE - RESIN  
PLASTICSLAAN 1  
BERGEN OP ZOOM, 4612 PX Netherlands

MODEL INFO

EXL9134(f1)(X)(GG), EXL9134B(f1)(X)(GG)  
PC/Siloxane "Lexan, ELCRES", furnished as pellets  
(X) – All colors except NC  
(GG) – Denotes a global grade formulation previously in File E161759.  
(f1) – Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.  
NOTE – Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or a numeric/alpha combination.

| FLAMMABILITY PROPERTIES               | VALUE      | TEST METHOD     |
|---------------------------------------|------------|-----------------|
| Flammability                          |            | ANSI/UL 94      |
| 1.5 mm, Color: (X)                    | V-0        |                 |
| 3.0 mm, Color: (X)                    | 5VA<br>V-0 |                 |
| ISO/IEC FLAMMABILITY PROPERTIES       | VALUE      | TEST METHOD     |
| Flammability                          |            | IEC 60695-11-10 |
| 1.5 mm, Color: (X)                    | V-0        |                 |
| 3.0 mm, Color: (X)                    | V-0        |                 |
| 5VA                                   |            | IEC 60695-11-20 |
| Glow Wire Ignition Temperature (GWIT) |            | IEC 60695-2-13  |
| 1.5 mm                                |            |                 |

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3.0 mm960 °C

| ELECTRICAL PROPERTIES            | VALUE           | TEST METHOD         |
|----------------------------------|-----------------|---------------------|
| Hot-wire Ignition (HWI)          |                 | UL 746A             |
| 1.5 mm                           | PLC 3           |                     |
| 3.0 mm                           | PLC 2           |                     |
| High Amp Arc Ignition (HAI)      |                 | UL 746A             |
| 1.5 mm                           | PLC 1           |                     |
| 3.0 mm                           | PLC 0           |                     |
| Comparative Tracking Index (CTI) | PLC 3           | UL 746A             |
| Dielectric Strength              | 24 kV/mm        | ASTM D149           |
| Volume Resistivity               | 1.0E+16 ohms-cm | ASTM D257/IEC 60093 |

| THERMAL PROPERTIES                           | VALUE  | TEST METHOD |
|----------------------------------------------|--------|-------------|
| Relative Thermal Index - Electrical Strength |        | UL 746B     |
| 1.5 mm                                       | 125 °C |             |
| 3.0 mm                                       | 125 °C |             |
| Relative Thermal Index - Mechanical Impact   |        | UL 746B     |
| 1.5 mm                                       | 110 °C |             |
| 3.0 mm                                       | 115 °C |             |
| Relative Thermal Index - Mechanical Strength |        | UL 746B     |
| 1.5 mm                                       | 120 °C |             |
| 3.0 mm                                       | 125 °C |             |

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| PHYSICAL PROPERTIES | VALUE | TEST METHOD |
|---------------------|-------|-------------|
| UV Exposure         | f1    | UL 746C     |

Report Date: 2003-01-10

Revision Date: 2024-11-18



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