



Component - Plastics

File Number: E67171

LG CHEMICAL LTD

20 YOIDO-DONG, YONGDUNGPO-GU, SEOUL 150-721 KR



LUPOY: SR-3108F, SR-3108F(m)

Polycarbonate (PC), pellets

(m) - May be followed by 1 or 2 suffix letters from A-Z incl., except F, FF, FH.

| Flammability | Value | Test Method |
|---------------------------------------|---------|----------------------|
| Flame Rating | | UL 94 |
| 0.850 mm, WT | V-1 | IEC 60695-11-10, -20 |
| 1.50 mm, WT | V-0 | |
| 3.00 mm, WT | V-0 | |
| Electrical | Value | Test Method |
| Hot-wire Ignition (HWI) | | UL 746 |
| 1.50 mm | PLC 3 | |
| 3.00 mm | PLC 2 | |
| High Amp Arc Ignition (HAI) | | UL 746 |
| 1.50 mm | PLC 0 | |
| 3.00 mm | PLC 0 | |
| Comparative Tracking Index (CTI) | PLC 1 | UL 746 |
| High Voltage Arc Tracking Rate (HVTR) | PLC 3 | UL 746 |
| Arc Resistance | PLC 7 | ASTM D495 |
| Thermal | Value | Test Method |
| RTI Elec | | UL 746 |
| 0.850 mm | 80.0 °C | |
| 1.50 mm | 110 °C | |
| 3.00 mm | 110 °C | |
| RTI Imp | | UL 746 |
| 0.850 mm | 80.0 °C | |
| 1.50 mm | 100 °C | |
| 3.00 mm | 100 °C | |
| RTI Str | | UL 746 |
| 0.850 mm | 80.0 °C | |
| 1.50 mm | 120 °C | |
| 3.00 mm | 120 °C | |

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