



Component - Plastics

File Number: E67171

LG CHEMICAL LTD

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



Lypoy: LUPOY GN-5007F(#)

Acrylonitrile Butadiene Styrene/Polycarbonate (ABS/PC), pellets

(#) - May be followed by optional suffix letter from A-Z incl., except F, and except Grades AF302G, HT700B, XR401B, LI912A, AF303G, AF303S, XR404T, XR407D, XR407E, HF380X.

| Flammability | Value | Test Method |
|---------------------------------------|---------|----------------------|
| Flame Rating | | UL 94 |
| 1.50 mm, ALL | V-0 | IEC 60695-11-10, -20 |
| 3.00 mm, ALL | V-0 | |
| Glow Wire Flammability Index | | IEC 60695-2-12 |
| 1.50 mm | 960 °C | |
| 3.00 mm | 960 °C | |
| Glow Wire Ignition Temperature | | IEC 60695-2-13 |
| 1.50 mm | 825 °C | |
| 3.00 mm | 850 °C | |
| 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 3 | UL 746 |
| High Voltage Arc Tracking Rate (HVTR) | PLC 0 | UL 746 |
| Arc Resistance | PLC 6 | ASTM D495 |
| Thermal | Value | Test Method |
| RTI Elec | | UL 746 |
| 1.50 mm | 95.0 °C | |
| 3.00 mm | 95.0 °C | |
| RTI Imp | | UL 746 |
| 1.50 mm | 90.0 °C | |
| 3.00 mm | 90.0 °C | |
| RTI Str | | UL 746 |
| 1.50 mm | 95.0 °C | |
| 3.00 mm | 95.0 °C | |
| Ball Pressure Test (125°C, 3.00 mm) | Pass | IEC 60695-10-2 |

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