



Component - Plastics

File Number: E85371

LOTTE CHEMICAL CORPORATION

14F-16F Lotte World Tower 300 Olympic-ro Songpa-gu, Seoul 05551 KR



HOPELEX: PC-1070U(@)(f1)

Polycarbonate (PC), pellets

(@) - May be replaced by R or L

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

| Flammability | Value | Test Method |
|---------------------|--------|----------------------|
| Flame Rating | | |
| 1.8 mm, NC | HB | UL 94 |
| 3.2 mm, NC | HB | UL 94 |
| 1.6 to 1.7 mm, NC | V-2 | UL 94 |
| 3.2 mm, NC | HB40 | IEC 60695-11-10, -20 |
| 1.8 mm, NC | HB75 | IEC 60695-11-10, -20 |
| Thermal | Value | Test Method |
| RTI Elec | | UL 746 |
| 1.6 to 1.7 mm | 130 °C | |
| 1.8 mm | 130 °C | |
| 3.2 mm | 130 °C | |
| RTI Imp | | UL 746 |
| 1.6 to 1.7 mm | 125 °C | |
| 1.8 mm | 125 °C | |
| 3.2 mm | 130 °C | |
| RTI Str | | UL 746 |
| 1.6 to 1.7 mm | 125 °C | |
| 1.8 mm | 125 °C | |
| 3.2 mm | 130 °C | |
| Physical | Value | Test Method |
| Outdoor Suitability | f1 | UL 746C |

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