



## Component - Plastics

File Number: E51193

### LyondellBasell Advanced Polymers, Inc.

1221 McKinney St, Suite 300  
Houston, TX 77010 United States



### PC FR0 (f1)

Polycarbonate (PC), pellets

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

NOTE - All designations may be followed by an optional hyphen, followed by an alphanumeric color code

| Flammability                     | Value    | Test Method          |
|----------------------------------|----------|----------------------|
| Flame Rating                     |          | UL 94                |
| 0.06 in, ALL                     | V-0      |                      |
| 0.12 in, ALL                     | V-0, 5VA |                      |
| Flammability Classification      |          | IEC 60695-11-10, -20 |
| 0.06 in, ALL                     | V-0      |                      |
| 0.12 in, ALL                     | V-0, 5VA |                      |
| Electrical                       | Value    | Test Method          |
| Hot-wire Ignition (HWI)          |          | UL 746A              |
| 0.06 in                          | PLC 3    |                      |
| 0.12 in                          | PLC 2    |                      |
| High Amp Arc Ignition (HAI)      |          | UL 746A              |
| 0.06 in                          | PLC 0    |                      |
| 0.12 in                          | PLC 0    |                      |
| Comparative Tracking Index (CTI) | PLC 3    | UL 746A              |
| Thermal                          | Value    | Test Method          |
| RTI Elec                         |          | UL 746B              |
| 0.06 in                          | 221 °F   |                      |
| 0.12 in                          | 221 °F   |                      |
| RTI Imp                          |          | UL 746B              |
| 0.06 in                          | 221 °F   |                      |
| 0.12 in                          | 221 °F   |                      |
| RTI Str                          |          | UL 746B              |
| 0.06 in                          | 221 °F   |                      |
| 0.12 in                          | 221 °F   |                      |
| Physical                         | Value    | Test Method          |
| Outdoor Suitability              | f1       | UL 746C              |

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