



Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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



RPP(BB)(iii)(CC)HB

Polypropylene (PP), pellets, glass reinforced

(BB) - Replaced with a numeral 10-40 incl. (denotes glass content)

(CC) - Represents a two digit number from 01 to 99 inclusive or a four digit number from 0001 to 9999 inclusive.

(iii) - Represents two letters EU to EW inclusive or EZ

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

| Flammability | Value | Test Method |
|---------------------------------------|-----------------|----------------------|
| Flame Rating | | UL 94 |
| 0.04 in, ALL | HB | |
| 0.06 in, ALL | HB | |
| 0.12 in, ALL | HB | |
| Flammability Classification | | IEC 60695-11-10, -20 |
| 0.12 in, ALL | HB40 | |
| 0.04 in, ALL | HB75 | |
| 0.06 in, ALL | HB75 | |
| Electrical | Value | Test Method |
| Hot-wire Ignition (HWI) | | UL 746A |
| 0.028 in | PLC 3 | |
| 0.06 in | PLC 3 | |
| 0.12 in | PLC 2 | |
| High Amp Arc Ignition (HAI) | | UL 746A |
| 0.028 in | PLC 0 | |
| 0.06 in | PLC 0 | |
| 0.12 in | PLC 0 | |
| Comparative Tracking Index (CTI) | PLC 0 | UL 746A |
| Dielectric Strength | 710 V/mil | ASTM D149 |
| High Voltage Arc Tracking Rate (HVTR) | PLC 1 | UL 746A |
| Volume Resistivity | 1.0E+15 ohms-cm | ASTM D257 |
| Volume Resistivity | 1.0E+15 ohms-cm | IEC 60093 |
| Arc Resistance | PLC 6 | ASTM D495 |
| Thermal | Value | Test Method |
| RTI Elec | | UL 746B |
| 0.028 in | 149 °F | |
| 0.04 in | 149 °F | |
| 0.06 in | 149 °F | |
| 0.12 in | 149 °F | |
| RTI Imp | | UL 746B |
| 0.028 in | 149 °F | |
| 0.04 in | 149 °F | |
| 0.06 in | 149 °F | |
| 0.12 in | 149 °F | |



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| Thermal | Value | Test Method |
|--------------------|--------|-------------|
| RTI Str | | UL 746B |
| 0.028 in | 149 °F | |
| 0.04 in | 149 °F | |
| 0.06 in | 149 °F | |
| 0.12 in | 149 °F | |
| Physical | Value | Test Method |
| Dimensional Change | 0.0 % | ASTM D1042 |
| Dimensional Change | 0.0 % | ISO 2796 |

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