



## Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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



### RPP40(eee)(CC) UL

Polypropylene (PP), pellets, glass reinforced

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

(eee) - Represents two letters EA to EQ inclusive.

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 2           |                      |
| 0.12 in                               | PLC 1           |                      |
| 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                   | 560 V/mil       | ASTM D149            |
| High Voltage Arc Tracking Rate (HVTR) | PLC 1           | UL 746A              |
| Volume Resistivity                    | 1.0E+14 ohms·cm | ASTM D257            |
| Volume Resistivity                    | 1.0E+14 ohms·cm | IEC 60093            |
| Arc Resistance                        | PLC 5           | ASTM D495            |
| Thermal                               | Value           | Test Method          |
| RTI Elec                              |                 | UL 746B              |
| 0.028 in                              | 230 °F          |                      |
| 0.04 in                               | 230 °F          |                      |
| 0.06 in                               | 239 °F          |                      |
| 0.12 in                               | 239 °F          |                      |
| RTI Imp                               |                 | UL 746B              |
| 0.028 in                              | 230 °F          |                      |
| 0.04 in                               | 230 °F          |                      |
| 0.06 in                               | 239 °F          |                      |
| 0.12 in                               | 239 °F          |                      |



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| Thermal            | Value  | Test Method |
|--------------------|--------|-------------|
| RTI Str            |        | UL 746B     |
| 0.028 in           | 230 °F |             |
| 0.04 in            | 230 °F |             |
| 0.06 in            | 239 °F |             |
| 0.12 in            | 239 °F |             |
| Physical           | Value  | Test Method |
| Dimensional Change | 0.0 %  | ASTM D1042  |
| Dimensional Change | 0.0 %  | ISO 2796    |

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