



## Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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



POLYFORT: FPP 1606-@@++\$+

Polypropylene (PP), pellets

\$ - Represents a two to five digit number 00-99999 incl., or none.

@ - Represents a single digit number 0-9 incl., or none.

+ - Represents one letter A-Z incl. or no letter

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                          | HB              |                      |
| 0.12 in, ALL                          | HB              |                      |
| Flammability Classification           |                 | IEC 60695-11-10, -20 |
| 0.12 in, ALL                          | HB40            |                      |
| 0.06 in, ALL                          | HB75            |                      |
| 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 0           | UL 746A              |
| Dielectric Strength                   | 740 V/mil       | ASTM D149            |
| High Voltage Arc Tracking Rate (HVTR) | PLC 0           | 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              |
| 0.06 in                               | 212 °F          |                      |
| 0.12 in                               | 212 °F          |                      |
| RTI Imp                               |                 | UL 746B              |
| 0.06 in                               | 212 °F          |                      |
| 0.12 in                               | 212 °F          |                      |
| RTI Str                               |                 | UL 746B              |
| 0.06 in                               | 212 °F          |                      |
| 0.12 in                               | 212 °F          |                      |
| Physical                              | Value           | Test Method          |
| Dimensional Change                    | 0.0 %           | ASTM D1042           |
| Dimensional Change                    | 0.0 %           | ISO 2796             |



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