



Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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POLYFLAM: RPP 374ND CS1 5V-@@++\$(f1)

Polypropylene (PP), pellets

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

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

@ - 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 | V-0 | |
| 0.07 in, ALL | V-0, 5VA | |
| 0.12 in, ALL | V-0, 5VA | |
| Flammability Classification | | IEC 60695-11-10, -20 |
| 0.06 in, ALL | V-0 | |
| 0.07 in, ALL | V-0, 5VA | |
| 0.12 in, ALL | V-0, 5VA | |
| Glow Wire Flammability Index | | IEC 60695-2-12 |
| 0.06 in | 1760 °F | |
| 0.07 in | 1760 °F | |
| 0.12 in | 1760 °F | |
| Glow Wire Ignition Temperature | | IEC 60695-2-13 |
| 0.06 in | 1380 °F | |
| 0.07 in | 1380 °F | |
| 0.12 in | 1380 °F | |
| Electrical | Value | Test Method |
| Hot-wire Ignition (HWI) | | UL 746A |
| 0.06 in | PLC 3 | |
| 0.07 in | PLC 3 | |
| 0.12 in | PLC 2 | |
| High Amp Arc Ignition (HAI) | | UL 746A |
| 0.06 in | PLC 0 | |
| 0.07 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+16 ohms·cm | ASTM D257 |
| Volume Resistivity | 1.0E+16 ohms·cm | IEC 60093 |
| Arc Resistance | PLC 5 | ASTM D495 |



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| Thermal | Value | Test Method |
|---------------------|---------|-------------|
| RTI Elec | | UL 746B |
| 0.06 in | 221 °F | |
| 0.07 in | 221 °F | |
| 0.12 in | 221 °F | |
| RTI Imp | | UL 746B |
| 0.06 in | 221 °F | |
| 0.07 in | 221 °F | |
| 0.12 in | 221 °F | |
| RTI Str | | UL 746B |
| 0.06 in | 221 °F | |
| 0.07 in | 221 °F | |
| 0.12 in | 221 °F | |
| Physical | Value | Test Method |
| Dimensional Change | 0.030 % | ASTM D1042 |
| Dimensional Change | 0.030 % | ISO 2796 |
| Outdoor Suitability | f1 | UL 746C |

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