



Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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



POLYFLAM: RPP 1221-@@++\$+ (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, BN	V-2	
0.06 in, WT, BK, TN, GY	V-2	
0.12 in, BN	V-2	
0.12 in, WT, BK, TN, GY	V-2	
Flammability Classification		IEC 60695-11-10, -20
0.06 in, BN	V-2	
0.06 in, WT, BK, TN, GY	V-2	
0.12 in, BN	V-2	
0.12 in, WT, BK, TN, GY	V-2	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.06 in	PLC 4	
0.12 in	PLC 3	
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	710 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
Thermal	Value	Test Method
RTI Elec		UL 746B
0.06 in	239 °F	
0.12 in	239 °F	
RTI Imp		UL 746B
0.06 in	239 °F	
0.12 in	239 °F	
RTI Str		UL 746B
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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Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C

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