



**Component - Plastics**

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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



**POLYFLAM: RPP 1058-@@++\$(r1)**

Polypropylene (PP), pellets

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

(r1) - Virgin and single pass (one blending) regrind up to 70% by weight inclusive have the same material properties with regard to generic RTI's, flammability, HWI, CTI, HVTR, HDT, D495, Izod Impact and Tensile Strength to the minimum thickness of 0.75 mm.

@ - 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
0.030 in, ALL	V-2	
0.06 in, ALL	V-2	
0.12 in, ALL	V-2	
Flammability Classification		IEC 60695-11-10, -20
0.030 in, ALL	V-2	
0.06 in, ALL	V-2	
0.12 in, ALL	V-2	
Glow Wire Flammability Index		IEC 60695-2-12
0.030 in	1710 °F	
0.06 in	1710 °F	
0.12 in	1760 °F	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.030 in	1290 °F	
0.06 in	1290 °F	
0.12 in	1290 °F	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.030 in	PLC 4	
0.06 in	PLC 3	
0.12 in	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
0.030 in	PLC 0	
0.06 in	PLC 0	
0.12 in	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746A
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
0.030 in	221 °F	
0.06 in	221 °F	
0.12 in	221 °F	



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Thermal	Value	Test Method
RTI Imp		UL 746B
0.030 in	221 °F	
0.06 in	221 °F	
0.12 in	221 °F	
RTI Str		UL 746B
0.030 in	221 °F	
0.06 in	221 °F	
0.12 in	221 °F	

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