Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.
1221 McKinney St, Suite 300
Houston, TX 77010 United States

RPP(BB)(iii)(CC)HB

Polypropylene (PP), pellets, glass reinforced

(BB) - Replaced with a numeral 10-40 incl. (denotes glass content)
(CC) - Represents a two digit number from 01 to 99 inclusive or a four digit number from 0001 to 9999 inclusive.
(iii) - Represents two letters EU to EW inclusive or EZ
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 3	
0.12 in	PLC 2	
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	710 V/mil	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 1	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
0.028 in	149 °F	
0.04 in	149 °F	
0.06 in	149 °F	
0.12 in	149 °F	
RTI Imp		UL 746B
0.028 in	149 °F	
0.04 in	149 °F	
0.06 in	149 °F	
0.12 in	149 °F	

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RTI Str		UL 746B
0.028 in	149 °F	
0.04 in	149 °F	
0.06 in	149 °F	
0.12 in	149 °F	
Physical	**Value**	**Test Method**
Dimensional Change	0.0 %	ASTM D1042
Dimensional Change	0.0 %	ISO 2796