



Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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Houston, TX 77010 United States



FP63E33HB

Polyamide 6 (PA6), pellets, glass reinforced

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	
Glow Wire Flammability Index		IEC 60695-2-12
0.06 in	1340 °F	
0.12 in	1340 °F	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.06 in	1380 °F	
0.12 in	1380 °F	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.06 in	PLC 4	
0.12 in	PLC 4	
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
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746A
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
0.06 in	149 °F	
0.12 in	149 °F	
RTI Imp		UL 746B
0.06 in	149 °F	
0.12 in	149 °F	
RTI Str		UL 746B
0.06 in	149 °F	
0.12 in	149 °F	



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