



Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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Houston, TX 77010 United States



55N5006UG(f1)

Polycarbonate (PC), pellets, flame retardant

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

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, GY	V-0	
0.10 in, GY	V-0, 5VA	
0.12 in, GY	V-0, 5VA	
Flammability Classification		IEC 60695-11-10, -20
0.06 in, GY	V-0	
0.10 in, GY	V-0, 5VA	
0.12 in, GY	V-0, 5VA	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.06 in	PLC 0	
0.10 in	PLC 0	
0.12 in	PLC 0	
High Amp Arc Ignition (HAI) (0.06 in)	PLC 0	UL 746A
Comparative Tracking Index (CTI)	PLC 2	UL 746A
Thermal	Value	Test Method
RTI Elec		UL 746B
0.06 in	239 °F	
0.10 in	239 °F	
0.12 in	239 °F	
RTI Imp		UL 746B
0.06 in	239 °F	
0.10 in	239 °F	
0.12 in	239 °F	
RTI Str		UL 746B
0.06 in	239 °F	
0.10 in	239 °F	
0.12 in	239 °F	
Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C



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