



Component - Plastics

File Number: E213445

POLYPLASTICS CO LTD

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MINATO-KU, Tokyo 108-8280 Japan



Duranex: 457EV(f1)

Polybutylene Terephthalate/Polycarbonate (PBT/PC), pellets

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

Flammability	Value	Test Method
Flame Rating		UL 94
1.2 mm, BK	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
Flammability Classification		IEC 60695-11-10, -20
1.2 mm, BK	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.2 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
1.2 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Thermal	Value	Test Method
RTI Elec		UL 746B
1.2 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
RTI Imp		UL 746B
1.2 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	
RTI Str		UL 746B
1.2 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C

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