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File Number: E123529

**302(h)(f1), 302E(h), 303(h), 202(h), 203(h), TX0(h)2, TX0(h)3, PH1002(h),
PH1003(h)**

Polycarbonate (PC), pellets

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

(h) - Followed by suffix numbers 3-19 incl., or followed by hyphen plus the suffix numbers 3 - 19 incl., denoting melt flow rate.



Flammability	Value	Test Method
Flame Rating		
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
0.44 to 0.75 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 2	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 3	UL 746A
Dielectric Strength	12 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746A
Volume Resistivity	1.0E+15 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495



Component - Plastics
302(h)(f1), 302E(h), 303(h), 202(h), 203(h), TX0(h)2, TX0(h)3, PH1002(h), PH1003(h)

Thermal	Value	Test Method
RTI Elec		UL 746B
0.44 to 0.75 mm	80.0 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	
RTI Imp		UL 746B
0.44 to 0.75 mm	80.0 °C	
1.5 mm	105 °C	
3.0 mm	110 °C	
RTI Str		UL 746B
0.44 to 0.75 mm	80.0 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	
Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042 ISO 2796
Outdoor Suitability	f1	UL 746C