

**Sumika Polycarbonate Limited**Technical Service & Development Lab
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File Number: E123529

300(h), 301(h), 200(h), 201(h), TX0(h)1, PH1001(h)

Polycarbonate (PC), pellets

(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 1	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 1	
3.0 mm	PLC 1	
Comparative Tracking Index (CTI)	PLC 2	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746A
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
0.44 to 0.75 mm	80.0 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	
RTI Imp		UL 746B
0.44 to 0.75 mm	80.0 °C	
1.5 mm	115 °C	
3.0 mm	115 °C	
RTI Str		UL 746B
0.44 to 0.75 mm	80.0 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	