



Component - Plastics

File Number: E85371

LOTTE CHEMICAL CORPORATION

14F-16F Lotte World Tower 300 Olympic-ro Songpa-gu, Seoul 05551 KR



HOPELEX: PC-1150U(@), PC-1000L

Polycarbonate (PC), pellets

(@) - May be replaced by R or L

Flammability	Value	Test Method
Flame Rating		UL 94
1.6 mm, NC	V-2	IEC 60695-11-10, -20
3.2 mm, NC	V-2	
Glow Wire Flammability Index		IEC 60695-2-12
1.0 mm	850 °C	
1.6 mm	850 °C	
3.2 mm	900 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.0 mm	875 °C	
1.6 mm	900 °C	
3.2 mm	900 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.6 mm	PLC 0	
3.2 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
1.6 mm	PLC 0	
3.2 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Thermal	Value	Test Method
RTI Elec		UL 746
1.0 mm	80.0 °C	
1.6 mm	130 °C	
3.2 mm	130 °C	
RTI Imp		UL 746
1.0 mm	80.0 °C	
1.6 mm	125 °C	
3.2 mm	130 °C	
RTI Str		UL 746
1.0 mm	80.0 °C	
1.6 mm	125 °C	
3.2 mm	130 °C	

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