



Component - Plastics

File Number: E85371

LOTTE CHEMICAL CORPORATION

MARKETING & DEVELOPMENT DEPT, 2 LOTTE KWANAK TOWER BLDG, 395-67 SHINDAEBANG-DONG
DONGJAK-GU, SEOUL 156-711 KR



HOPELEX: PC-1100(+)

Polycarbonate (PC), pellets

(+) - Represents by one, two, three numbers and/or letter(s), except for U, UR, and UL

Flammability	Value	Test Method
Flame Rating		UL 94
1.60 mm, NC	V-2	IEC 60695-11-10, -20
3.20 mm, NC	V-2	
Glow Wire Flammability Index		IEC 60695-2-12
1.60 mm	850 °C	
3.20 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.60 mm	900 °C	
3.20 mm	875 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.60 mm	PLC 3	
3.20 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
1.60 mm	PLC 0	
3.20 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+17 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.60 mm	130 °C	
3.20 mm	130 °C	
RTI Imp		UL 746
1.60 mm	125 °C	
3.20 mm	130 °C	
RTI Str		UL 746
1.60 mm	125 °C	
3.20 mm	130 °C	

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