



Component - Plastics

File Number: E67171

LG CHEM LTD

20 YOIDO-DONG, YONGDUNGPO-GU, SEOUL 150-721 KR



LUPOY: PC1202(ee), PC1203(ee), PC1302AC, PC1302E, PC1303(x), PC1303AH(x), PC1303(x)(#)

Polycarbonate (PC), pellets

(#) - May be followed by optional suffix letter from A-Z incl., except F, and except Grades HT700B, XR401B, LI912A, AF303G, AF303S, XR404T, XR407D, XR407E, HF380X.

(ee) - Followed by suffix numbers 3-28 incl. indicating melt flow rate.

(x) - Followed by a suffix numbers 3 through 19 incl. Indicating Melt flow rate.

Flammability	Value	Test Method
Flame Rating		
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
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)		
1.5 mm	PLC 2	UL 746
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		
1.5 mm	PLC 0	UL 746
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 3	UL 746
Dielectric Strength	12 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Volume Resistivity	1.0E+15 ohms-cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		
1.5 mm	120 °C	UL 746
3.0 mm	120 °C	
RTI Imp		
1.5 mm	105 °C	UL 746
3.0 mm	110 °C	
RTI Str		
1.5 mm	120 °C	UL 746
3.0 mm	120 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

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