



# Component - Plastics

File Number: E67171

LG CHEMICAL LTD

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



LUPOY: LUPOY GN-1006F, LUPOY GN-1006F(m)(#)

Polycarbonate (PC), pellets

(#) - May be followed by optional suffix letter from A-Z incl., except F, and except Grades AF302G, HT700B, XR401B, LI912A, AF303G, AF303S, XR404T, XR407D, XR407E, HF380X.

(m) - May be followed by 1 or 2 suffix letters from A-Z incl., except F, FF, FH.

Flammability	Value	Test Method
Flame Rating		UL 94 IEC 60695-11-10, -20
1.50 mm, ALL	V-2	
2.00 mm, ALL	V-1	
2.50 mm, ALL	V-0	
3.00 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 3	
2.50 mm	PLC 3	
3.00 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 0	
2.50 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 3	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.50 mm	120 °C	
2.00 mm	120 °C	
2.50 mm	120 °C	
3.00 mm	120 °C	
RTI Imp		UL 746
1.50 mm	110 °C	
2.00 mm	110 °C	
2.50 mm	110 °C	
3.00 mm	110 °C	
RTI Str		UL 746
1.50 mm	120 °C	
2.00 mm	120 °C	
2.50 mm	120 °C	
3.00 mm	120 °C	

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