



Component - Plastics

File Number: E67171

LG CHEMICAL LTD

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



LUPOY GP-1006F(f1), LUPOY GP-1006F(m)(#)(f1)

Polycarbonate (PC), pellets, modified

(#) - 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.

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

(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
1.50 mm, ALL	V-0	IEC 60695-11-10, -20
2.50 mm, ALL	V-0, 5VA	
3.00 mm, ALL	V-0, 5VA	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 3	
3.00 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	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	
2.50 mm	120 °C	
3.00 mm	120 °C	
RTI Imp		UL 746
1.50 mm	110 °C	
2.50 mm	110 °C	
3.00 mm	110 °C	
RTI Str		UL 746
1.50 mm	120 °C	
2.50 mm	120 °C	
3.00 mm	120 °C	
Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C

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