



# Component - Plastics

File Number: E67171

LG CHEMICAL LTD

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



LUPOY: LUPOY EF-1006F(m)

Polycarbonate (PC), pellets

(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
1.00 mm, ALL	V-0	IEC 60695-11-10, -20
1.50 mm, ALL	V-0	
1.70 mm, ALL	V-0, 5VB	
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 2	
1.70 mm	PLC 2	
3.00 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 0	
1.70 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 3	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.00 mm	80.0 °C	
1.50 mm	120 °C	
1.70 mm	120 °C	
2.50 mm	120 °C	
3.00 mm	125 °C	
RTI Imp		UL 746
1.00 mm	80.0 °C	
1.50 mm	115 °C	
1.70 mm	115 °C	
2.50 mm	115 °C	
3.00 mm	120 °C	
RTI Str		UL 746
1.00 mm	80.0 °C	
1.50 mm	120 °C	
1.70 mm	120 °C	
2.50 mm	120 °C	
3.00 mm	125 °C	
Ball Pressure Test (125°C, 3.00 mm)	Pass	IEC 60695-10-2

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