



Component - Plastics

File Number: E67171

LG CHEM LTD
20 YOIDO-DONG
YONGDUNGPO-GU
SEOUL, 150-721 Republic of Korea



LUPOY ER-1006F(#)

Polycarbonate (PC), pellets, 20-70% Recycled Material

(#) - 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.

Flammability	Value	Test Method
Flame Rating		UL 94
1.0 mm, ALL	V-0	IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.0 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
1.0 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.0 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	
RTI Imp		UL 746
1.0 mm	110 °C	
1.5 mm	110 °C	
3.0 mm	110 °C	
RTI Str		UL 746
1.0 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	
Ball Pressure Test (125°C, 3.00 mm)	Pass	IEC 60695-10-2