



Component - Plastics

File Number: E67171

LG CHEM LTD

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



LUPOY: GN-1002F(m), GN1002F(m)

Polycarbonate (PC), pellets

(m) - May be followed by 1 or 2 suffix letters from A-Z incl., except F, FF, FH and except grade HF380X.

Flammability	Value	Test Method
Flame Rating		
0.75 mm, ALL	HB	UL 94
1.2 mm, RD	V-2	UL 94 IEC 60695-11-10, -20
1.2 mm, NC, WT, BK	V-1	UL 94 IEC 60695-11-10, -20
1.5 mm, ALL	V-0	UL 94 IEC 60695-11-10, -20
2.0 mm, ALL	V-0, 5VB	UL 94 IEC 60695-11-10, -20
0.75 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI) (1.5 mm)	PLC 2	UL 746
High Amp Arc Ignition (HAI) (1.5 mm)	PLC 0	UL 746
Comparative Tracking Index (CTI)	PLC 0	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.75 mm	80.0 °C	
1.2 mm	80.0 °C	
1.5 mm	80.0 °C	
2.0 mm	80.0 °C	
RTI Imp		UL 746
0.75 mm	80.0 °C	
1.2 mm	80.0 °C	
1.5 mm	80.0 °C	
2.0 mm	80.0 °C	
RTI Str		UL 746
0.75 mm	80.0 °C	
1.2 mm	80.0 °C	
1.5 mm	80.0 °C	
2.0 mm	80.0 °C	

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