



Component - Plastics

File Number: E67171

LG CHEMICAL LTD

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



Lumax: LUMAX HR-5(b)7

Acrylonitrile Butadiene Styrene/Polybutylene Terephthalate (ABS/PBT), pellets

(b) - Denotes glass fiber content between 01 and 29 percent (exceptional grades ; LUPOX GP-2150, LUPOX GP-2151F(#), LUPOX GP-2156F(#), LUPOY GP-5150F, LUPOY GP5200F, LUPOY GP5156F).

Flammability	Value	Test Method
Flame Rating		
1.50 mm, ALL	HB	UL 94
3.00 mm, ALL	HB	UL 94
3.00 mm, ALL	HB40	IEC 60695-11-10, -20
1.50 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 4	
3.00 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 2	
3.00 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 2	UL 746
Dielectric Strength	21 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Volume Resistivity	1.0E+15 ohm·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.50 mm	50.0 °C	
3.00 mm	50.0 °C	
RTI Imp		UL 746
1.50 mm	50.0 °C	
3.00 mm	50.0 °C	
RTI Str		UL 746
1.50 mm	50.0 °C	
3.00 mm	50.0 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

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