



Component - Plastics

File Number: E67171

LG CHEMICAL LTD

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



LUPOY: LUPOY GN-5001RF(T)

Acrylonitrile Butadiene Styrene/Polycarbonate (ABS/PC), pellets

(T) - May be followed by optional suffix letter from A-Z incl., except D, F.

Flammability	Value	Test Method
Flame Rating		UL 94 IEC 60695-11-10, -20
0.800 mm, ALL	V-2	
1.20 mm, ALL	V-0	
1.50 mm, ALL	V-0, 5VB	
2.00 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	
2.00 mm	PLC 2	
2.50 mm	PLC 2	
3.00 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 0	
2.00 mm	PLC 0	
2.50 mm	PLC 2	
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 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.800 mm	60.0 °C	
1.20 mm	60.0 °C	
1.50 mm	80.0 °C	
2.00 mm	80.0 °C	
2.50 mm	80.0 °C	
3.00 mm	80.0 °C	
RTI Imp		UL 746
0.800 mm	60.0 °C	
1.20 mm	60.0 °C	
1.50 mm	80.0 °C	
2.00 mm	80.0 °C	
2.50 mm	80.0 °C	
3.00 mm	80.0 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
0.800 mm	60.0 °C	
1.20 mm	60.0 °C	
1.50 mm	85.0 °C	
2.00 mm	85.0 °C	
2.50 mm	85.0 °C	
3.00 mm	85.0 °C	

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