Component - Plastics

File Number: E67171

LG CHEMICAL LTD

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

LUPOY: LUPOY GP-5008BF(#)

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

(#) - 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 IEC 60695-11-10, -20
1.50 mm, ALL	V-0	
3.00 mm, ALL	V-0, 5VA	
Electrical	**Value**	**Test Method**
Hot-wire Ignition (HWI)		UL 746
0.820 mm	PLC 4	
1.50 mm	PLC 4	
3.00 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
0.820 mm	PLC 2	
1.50 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	38 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 4	UL 746
Volume Resistivity	1.0E+11 ohm·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 6	ASTM D495
Thermal	**Value**	**Test Method**
RTI Elec		UL 746
0.820 mm	85.0 °C	
1.50 mm	85.0 °C	
3.00 mm	85.0 °C	
RTI Imp		UL 746
0.820 mm	65.0 °C	
1.50 mm	65.0 °C	
3.00 mm	65.0 °C	
RTI Str		UL 746
0.820 mm	70.0 °C	
1.50 mm	70.0 °C	
3.00 mm	70.0 °C	
Physical	**Value**	**Test Method**
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

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Report Date: 12/13/1984
Last Revised: 10/24/2003

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