



Component - Plastics

File Number: E67171

LG CHEM LTD

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LGABS: MRC365G1, MRC365D1, MRC365L1

Acrylonitrile Butadiene Styrene (ABS), pellets, Recycled

Flammability	Value	Test Method
Flame Rating		UL 94
2.0 mm, ALL	V-0, 5VA	IEC 60695-11-10, -20
3.0 mm, ALL	V-0, 5VA	
Glow Wire Flammability Index (3.0 mm)	960 °C	IEC 60695-2-12
Glow Wire Ignition Temperature (3.0 mm)	700 °C	IEC 60695-2-13
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
2.0 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
2.0 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746A
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
2.0 mm	60.0 °C	
3.0 mm	60.0 °C	
RTI Imp		UL 746B
2.0 mm	60.0 °C	
3.0 mm	60.0 °C	
RTI Str		UL 746B
2.0 mm	60.0 °C	
3.0 mm	60.0 °C	