



Component - Plastics

File Number: E67171

LG CHEM LTD
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YONGDUNGPO-GU
SEOUL, 150-721 Republic of Korea



LGABS: AF366(&)

Acrylonitrile Butadiene Styrene (ABS), pellets

(&) - May be replaced by one, two, or three numbers and/or letter, except Grade AF367SH, XR401B, AF366F and AF367T

Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, ALL	V-0	IEC 60695-11-10, -20
1.8 mm, ALL	V-0	
2.0 mm, ALL	V-0, 5VA	
2.5 mm, ALL	V-0, 5VA	
3.0 mm, ALL	V-0, 5VA	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 3	
1.8 mm	PLC 3	
2.0 mm	PLC 2	
2.5 mm	PLC 2	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 0	
1.8 mm	PLC 0	
2.0 mm	PLC 0	
2.5 mm	PLC 0	
3.0 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
1.5 mm	60.0 °C	
1.8 mm	85.0 °C	
2.0 mm	85.0 °C	
2.5 mm	85.0 °C	
3.0 mm	85.0 °C	
RTI Imp		UL 746
1.5 mm	60.0 °C	
1.8 mm	85.0 °C	
2.0 mm	85.0 °C	
2.5 mm	85.0 °C	
3.0 mm	85.0 °C	



Thermal	Value	Test Method
RTI Str		UL 746
1.5 mm	60.0 °C	
1.8 mm	80.0 °C	
2.0 mm	80.0 °C	
2.5 mm	80.0 °C	
3.0 mm	80.0 °C	