



Component - Plastics

File Number: E115797

LOTTE CHEMICAL CORPORATION

56 GOSAN-RO
UIWANG-SI, GYEONGGI-DO 16073 Republic of Korea



STAREX: HG-0760(+)

Acrylonitrile Butadiene Styrene (ABS), pellets

(+) - May be replaced by one, two, or three numbers and/or letter(s)

Flammability	Value	Test Method
Flame Rating		UL 94
1.2 mm, ALL	HB	
1.5 mm, ALL	HB	
3.0 mm, ALL	HB	
6.0 mm, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, ALL	HB40	
6.0 mm, ALL	HB40	
1.2 mm, ALL	HB75	
1.5 mm, ALL	HB75	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 4	
3.0 mm	PLC 4	
6.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746A
Dielectric Strength	15 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746A
Volume Resistivity	1.0E+16 ohms-cm	ASTM D257
Volume Resistivity	1.0E+16 ohms-cm	IEC 60093
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
1.2 mm	60.0 °C	
1.5 mm	90.0 °C	
3.0 mm	90.0 °C	
6.0 mm	90.0 °C	
RTI Imp		UL 746B
1.2 mm	60.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
6.0 mm	80.0 °C	

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Thermal	Value	Test Method
RTI Str		UL 746B
1.2 mm	60.0 °C	
1.5 mm	90.0 °C	
3.0 mm	90.0 °C	
6.0 mm	90.0 °C	
Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042
Dimensional Change	0.0 %	ISO 2796

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