LOTTE CHEMICAL CORPORATION

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

STAREX: VH-0810(+)

Acrylonitrile Butadiene Styrene (ABS), pellets

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

Elemente da	Value	Test Method
Flammability Flame Rating	Value	UL 94
1.5 mm, BK	V-2	IEC 60695-11-10, -20
2.0 mm, ALL	V-2 V-1	,,
2.5 mm, ALL	V-1 V-0	
	V-0 V-0	
3.0 mm, ALL 6.0 mm, ALL	V-0 V-0	
6.0 mm, ALL Electrical	V-0 Value	Test Method
Hot-wire Ignition (HWI)	value	UL 746
1.5 mm	PLC 4	0L 740
2.0 mm	PLC 4 PLC 4	
2.5 mm	PLC 4	
3.0 mm	PLC 2	
6.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 0	
2.0 mm	PLC 0	
2.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746
Dielectric Strength	13 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746
Volume Resistivity	1.0E+15 ohms∙cm	ASTM D257 IEC 60093
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	60.0°C	
2.0 mm	60.0°C	
2.5 mm	60.0 °C	
3.0 mm	60.0 °C	
6.0 mm	60.0 °C	
RTI Imp		UL 746
1.5 mm	60.0 °C	
2.0 mm	60.0 °C	
2.5 mm	60.0 °C	
3.0 mm	60.0 °C	
6.0 mm	60.0 °C	
	00.0 0	

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ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.



Component - Plastics File Number: E115797

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Thermal	Value	Test Method
RTI Str		UL 746
1.5 mm	60.0 °C	
2.0 mm	60.0 °C	
2.5 mm	60.0 °C	
3.0 mm	60.0 °C	
6.0 mm	60.0 °C	
Physical	Value	Test Method
Dimensional Stability	0.13 %	ASTM D1042 ISO 2796