



Component - Plastics

File Number: E115797

LOTTE CHEMICAL CORPORATION
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STAREX: VH-0810(+)

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
1.5 mm, BK	V-2	IEC 60695-11-10, -20
2.0 mm, ALL	V-1	
2.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
6.0 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 4	
2.0 mm	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	

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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