PROSPECTOR

Guide Information

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The information presented on the UL Prospector datashed was acquired by UL Prospector from the producer of the material UL rospector makes substantial efforts to assure the accuracy of this data. However, UL Prospector assumes no responsibility for the data values and strongly encourages that upon final material selection, data points are validated with the material supplier.

Component - Plastics

E115797

LOTTE ADVANCED MATERIALS CO LTD

56 Gosan-ro, Uiwang-si Gyeonggi-do 437-711 KR

HF-0660I(+)

Acrylonitrile Butadiene Styrene (ABS) "STAREX", furnished as pellets

Color	Min. Thk (mm)	<u>Flame</u> <u>Class</u>	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.0	HB	185 N 170	_	60	60	60
	1.5	HB 📣	4	0	60	60	60
	3.0	HB	3	0	60	60	60
	6.0	HB	2	0	60	60	60

Comparative Tracking Index (CTI): 2

Dielectric Strength (kV/mm): 17

High-Voltage Arc Tracking Rate (HVTR): 2

Dimensional Stability (%): 0

Inclined Plane Tracking (IPT) kV: -

Volume Resistivity (10x ohm-cm): 17

High Volt, Low Current Arc Resis (D495): 7

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

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.

Report Date: 1995-08-04 Last Revised: 2017-08-18

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A35			
Test Method	Units	Thk (mm)	Value
IEC 60695-11-10	Class (color)	1.0	HB75 (ALL)
		1.5	HB75 (ALL)
		3.0	HB40 (ALL)
1871 / 120		6.0	HB40 (ALL)
IEC 60695-2-12	°C	-	3/10
IEC 60695-2-13	°C	-	- 47 (6)41
IEC 60112	Volts (Max)	-	1 1 1 1 Er
IEC 60695-10-2	°C	_	A All L. City
ISO 75-2	°C	-	100 m
ISO 527-2	MPa	Ō	
ISO 178	MPa		
ISO 8256	kJ/m ²	-	
ISO 180	kJ/m ²		÷
ISO 179-2	kJ/m ²	- (A)	2
	IEC 60695-11-10 IEC 60695-2-12 IEC 60695-2-13 IEC 60112 IEC 60695-10-2 ISO 75-2 ISO 527-2 ISO 178 ISO 8256 ISO 180	IEC 60695-11-10 Class (color) IEC 60695-2-12 °C IEC 60695-2-13 °C IEC 60112 Volts (Max) IEC 60695-10-2 °C ISO 75-2 °C ISO 527-2 MPa ISO 178 MPa ISO 8256 kJ/m² ISO 180 kJ/m²	IEC 60695-11-10 Class (color) 1.0 1.5 3.0 6.0 IEC 60695-2-12 IEC 60695-2-13 IEC 60112 Volts (Max) IEC 60695-10-2 IEC 60695-10-2 IEC 5075-2 IEC 527-2 MPa IEC 527-2 MPa IEC 527-2 MPa IEC 5256 KJ/m² IEC 60180 LSO 180 LSO 180

