

Component - Plastics

E115797

[guide info]

LOTTE ADVANCED MATERIALS CO LTD

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VH-0815(+)

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

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
BK	0.8	V-2	-	-	60	60	60
ALL	1.5	V-1	-	-	85	60	60
	2.0	V-0, 5VB	3	0	85	85	85
	2.5	V-0, 5VA	3	0	85	85	85
	2.6	V-0, 5VA	3	0	85	85	85
	3.0	V-0, 5VA	3	0	85	85	85

Comparative Tracking Index (CTI): 0

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): 21.17

Volume Resistivity (10⁸ ohm-cm): 14

High-Voltage Arc Tracking Rate (HVTR): 2

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

Dimensional Stability (%): -

(+) - 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: 2017-07-27

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	0.8	V-2 (BK)
			1.5	V-1 (ALL)
			2.0	V-0, 5VB (ALL)
			2.5	V-0, 5VA (ALL)
			2.6	V-0, 5VA (ALL)
			3.0	V-0, 5VA (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-