

Component - Plastics

SABIC INNOVATIVE PLASTICS US L L C

SHEET & FILM PRODUCTS - GLOBAL, 1 PLASTICS AVE, PITTSFIELD MA 01201

8010V (1) (2) (3), 8B35V (1) (2)

Polycarbonate (PC), "Lexan", furnished as sheets and films

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.076-0.381	VTM-2	-	-	80	80	80
	0.381	V-2	-	-	80	80	80
	3.00	V-2	-	-	80	80	80

Comparative Tracking Index (CTI): -

High-Voltage Arc Tracking Rate (HVTR): -

Dielectric Strength (kV/mm): -

Dimensional Stability (%): -

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

Volume Resistivity (10^x ohm-cm) : -

(1) - Americas E61257

(2) - China E205960

(3) - Europe E103380

NOTE - Material designations may be followed by numbers and/or letters

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.

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	ISO 9773, IEC 60695-11-10	Class (color)	0.076-0.381	VTM-2 (ALL)
			0.381	V-2 (ALL)
			3.00	V-2 (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	-	-

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