

Component - Plastics

E45329

SABIC INNOVATIVE PLASTICS B V

EUROPE - RESIN, PLASTICSLAAN 1, BERGEN OP ZOOM, 4612 PX Netherlands

101(f2), 101R(f2), 121(f2), 121R(f2), 141(f2), 141R(f2)

Polycarbonate (PC) "Lexan", furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI (PLC)	HAI (PLC)	GWIT (°C)	GWFI (°C)	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
ALL	0.7	HB	--	--	--	--	115	115	115
	1.1	HB	3	2	--	--	115	115	115
	1.5	HB	3	0	--	--	130	125	125
	3.0	HB	2	1	--	--	130	130	130

Comparative Tracking Index (CTI) (PLC):

2

IEC Comparative Tracking Index (V):

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IEC CTI Material Group:

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Inclined Plane Tracking (IPT) (kV):

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High-Voltage Arc Tracking Rate (HVTR) (PLC):

2

Dielectric Strength (DS) (kV/mm):

25

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

15

Surface Resistivity (SR) (10^x ohms/square):

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High Volt, Low Current Arc Resis (D495):

6

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL. - May be followed by a color nomenclature consisting of either an alpha/numeric or a numeric/alpha combination.

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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ALSO CERTIFIED TO IEC REQUIREMENTS

ISO/IEC Flammability Properties	Value	Test Method
Flammability		IEC 60695-11-10
0.7 mm, Color: ALL	HB75	
1.1 mm, Color: ALL	HB75	
1.5 mm, Color: ALL	HB75	
3.0 mm, Color: ALL	HB40	