## **PROSPECTOR®**

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The information presented on the UL Prospector datasheet was acquired by UL Prospector from the producer of the material. UL reformance and processing data
The information presented on the UL Prospector datasheet was acquired by UL Prospector from the producer of the material. UL values and strongly encourages that upon final material selection, data points are validated with the material supplier.

**Component - Plastics** 

Guide Information

E121562

## SABIC INNOVATIVE PLASTICS US L L C

AMERICAS - RESIN, 1 PLASTICS AVE, PITTSFIELD MA 01201-3662

## **EXRL0093, HPS4**

Polycarbonate (PC) "Lexan", furnished as pellets

<u>Color</u> NC	<u>Min. Thk</u> <u>(mm)</u> 1.5 3.0	<u>Flame</u> <u>Class</u> HB HB	<u>HWI</u> - -	<u>HAI</u> - -	<u>RTI</u> <u>Elec</u> 80 80	<u>RTI</u> <u>Imp</u> 80 80	<u>RTI</u> <u>Str</u> 80 80
Compa	rative Tracking Index (CTI)	: -	Inclined	Plane Trackin	g (IPT) kV: -		
D	ielectric Strength (kV/mm)	: -	Volume I	Resistivity (10 <sup>)</sup>	<sup>(</sup> ohm-cm): -		
High-Voltage	Arc Tracking Rate (HVTR)	( <del>-</del>	High Volt, Low C	Current Arc Re	sis (D495):-		
	Dimensional Stability (%)	):					

NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or 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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IEC and ISO Test Methods				
Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.5	HB75 (NC)
			3.0	HB40 (NC)
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)	-	-
EC Ball Pressure	IEC 60695-10-2	°C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
SO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-2	kJ/m <sup>2</sup>	-	-