

SABIC JAPAN L L C
PACIFIC GRADES - RESIN
2-2 KINUGAOKA
MOKA-SHI TOCHIGI-KEN 321-4392 JP

923X(X)(f1)

PC/Siloxane "Lexan, ELCRES", furnished as pellets

(X): All colors except natural.

(f1): Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

NOTE: Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or numeric/alpha combination.

Flammability	Value	Test Method
Flame Rating		
1.5 mm	V-0 ((X))	IEC 60695-11-10, IEC 60695-11-20
3.0 mm	V-0, 5VA ((X))	IEC 60695-11-10, IEC 60695-11-20
Glow-Wire Flammability (GWFI)		
1.5 mm	960 °C	IEC 60695-2-12
3.0 mm	960 °C	IEC 60695-2-12
Glow-Wire Ignition (GWIT)		
1.5 mm	825 °C	IEC 60695-2-13
3.0 mm	825 °C	IEC 60695-2-13
Electrical	Value	Test Method
High Amp Arc Ignition (HAI)		
1.5 mm	PLC 1	UL 746A
3.0 mm	PLC 0	UL 746A
Hot-wire Ignition (HWI)		
1.5 mm	PLC 3	UL 746A
3.0 mm	PLC 2	UL 746A
Dielectric Strength	24 kV/mm	ASTM D149
Volume Resistivity	10E+16 ohms-cm	ASTM D257, IEC 60093
Comparative Tracking Index (CTI)	PLC 3	UL 746A
IEC Comparative Tracking Index		
-	CTI150 Volts (Max)	IEC 60112
-	IIIb Material Group	IEC 60112
Thermal	Value	Test Method
RTI Imp		
1.5 mm	110 °C	UL 746B
3.0 mm	115 °C	UL 746B
RTI Str		
1.5 mm	120 °C	UL 746B
3.0 mm	125 °C	UL 746B
RTI Elec		
1.5 mm	125 °C	UL 746B
3.0 mm	125 °C	UL 746B



Go To UL iQ Link (<https://iq.ul.com/ul/cert.aspx?ULID=101158295>)

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