



组件 - 塑料
UL 档案号: E121562

SABIC INNOVATIVE PLASTICS US L L C
AMERICAS - RESIN, 1 PLASTICS AVE, PITTSFIELD MA 01201-3662



Lexan: EXL9330(GG)(X)(f1)(B1)(IP)

PC/Siloxane, pellets

(B1) - Represents colour code BK1E526 and BK1E649

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

(GG) - Denotes a global grade formulation previously in File E161759.

(X) - All colors except Natural.

IP - Inclined Plane Tracking per UL746A, average time to track at 1.5 kV is 60+ minutes.

可燃性	值	测试方法
UL 阻燃等级		
0.70 mm, ALL	HB	UL 94
0.8 mm, (B1)	V-1	UL 94 IEC 60695-11-10, -20
1.5 mm, (X)	V-0	UL 94 IEC 60695-11-10, -20
2.0 mm, (X)	V-0	UL 94 IEC 60695-11-10, -20
2.3 mm, (X)	V-0	UL 94 IEC 60695-11-10, -20
2.5 mm, BK, GY	V-0, 5VB	UL 94 IEC 60695-11-10, -20
3.0 mm, (X)	V-0, 5VA	UL 94 IEC 60695-11-10, -20
0.70 mm, ALL	HB75	IEC 60695-11-10, -20
灼热丝易燃指数		IEC 60695-2-12
1.0 mm	960 °C	
1.5 mm	960 °C	
2.0 mm	960 °C	
2.3 mm	960 °C	
2.5 mm	960 °C	
3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
1.0 mm	825 °C	
1.5 mm	825 °C	
2.0 mm	825 °C	
2.3 mm	825 °C	
2.5 mm	825 °C	
3.0 mm	825 °C	

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电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.60 mm	PLC 3	
0.63 mm	PLC 3	
0.70 mm	PLC 3	
0.8 mm	PLC 3	
1.0 mm	PLC 3	
1.5 mm	PLC 2	
2.0 mm	PLC 2	
2.3 mm	PLC 2	
2.5 mm	PLC 2	
3.0 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746
0.60 mm	PLC 1	
0.63 mm	PLC 1	
0.70 mm	PLC 1	
0.8 mm	PLC 1	
1.0 mm	PLC 1	
1.5 mm	PLC 1	
2.0 mm	PLC 1	
2.3 mm	PLC 0	
2.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 3	UL 746
介电强度	25 kV/mm	ASTM D149 IEC 60243-1
Inclined-Plane Tracking (1.5 kV)	60 min	ASTM D2303
体积电阻率	1.0E+17 ohms·cm	ASTM D257 IEC 60093
热性能	值	测试方法
RTI Elec		UL 746
0.60 mm	80.0 °C	
0.63 mm	125 °C	
0.70 mm	125 °C	
0.8 mm	125 °C	
1.0 mm	125 °C	
1.5 mm	125 °C	
2.0 mm	125 °C	
2.3 mm	125 °C	
2.5 mm	125 °C	
3.0 mm	125 °C	
RTI Imp		UL 746
0.60 mm	80.0 °C	
0.63 mm	105 °C	
0.70 mm	105 °C	
0.8 mm	105 °C	
1.0 mm	105 °C	
1.5 mm	110 °C	
2.0 mm	110 °C	
2.3 mm	110 °C	
2.5 mm	110 °C	
3.0 mm	115 °C	

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热性能	值	测试方法
RTI		UL 746
0.60 mm	80.0 °C	
0.63 mm	115 °C	
0.70 mm	115 °C	
0.8 mm	115 °C	
1.0 mm	115 °C	
1.5 mm	120 °C	
2.0 mm	120 °C	
2.3 mm	120 °C	
2.5 mm	120 °C	
3.0 mm	125 °C	
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796
室外适用性	f1	UL 746C

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