



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



Lexan: 500(f2), 500R(f2)

Polycarbonate (PC), pellets, glass reinforced, flame retardant

(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.

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

可燃性	值	测试方法
UL 阻燃等级		UL 94
1.1 mm, BK	V-0	IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
6.0 mm, ALL	V-0, 5VA	
2.0 mm, NC, BK, WT	RP75	
灼热丝易燃指数		IEC 60695-2-12
1.1 mm	960 °C	
1.5 mm	960 °C	
2.0 mm	960 °C	
3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
1.1 mm	825 °C	
1.5 mm	825 °C	
2.0 mm	825 °C	
3.0 mm	825 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
1.5 mm	PLC 2	
2.0 mm	PLC 2	
3.0 mm	PLC 1	
6.0 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746
1.1 mm	PLC 3	
1.5 mm	PLC 3	
2.0 mm	PLC 3	
3.0 mm	PLC 3	
6.0 mm	PLC 3	
相比耐漏电起痕指数(CTI)	PLC 3	UL 746
介电强度	36 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 4	UL 746
体积电阻率	1.0E+15 ohms·cm	ASTM D257 IEC 60093
耐电弧性	PLC 7	ASTM D495

组件 - 塑料

UL 档案号: E121562



热性能	值	测试方法
RTI Elec		UL 746
1.1 mm	80.0 °C	
1.5 mm	130 °C	
2.0 mm	130 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
RTI Imp		UL 746
1.1 mm	80.0 °C	
1.5 mm	125 °C	
2.0 mm	125 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
RTI		UL 746
1.1 mm	80.0 °C	
1.5 mm	125 °C	
2.0 mm	130 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
Ball Pressure Test (125°C, 3.00 mm)	通过	IEC 60695-10-2
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796
室外适用性	f2	UL 746C

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