



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



Lexan: FXE101(f2)(GG), FXE121(f2)(GG), FXE121R(f2)(GG), FXE141R(f2)(GG)

Polycarbonate (PC), pellets

(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.

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

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		
0.70 mm, ALL	HB	UL 94
1.1 mm, ALL	HB	UL 94
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
0.70 mm, ALL	HB75	IEC 60695-11-10, -20
1.1 mm, ALL	HB75	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
1.1 mm	PLC 3	
1.5 mm	PLC 2	
3.0 mm	PLC 2	
高电弧燃烧指数(HAI)		UL 746
1.1 mm	PLC 2	
1.5 mm	PLC 0	
3.0 mm	PLC 1	
相比耐漏电起痕指数(CTI)	PLC 2	UL 746
介电强度	31 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 2	UL 746
体积电阻率	1.0E+16 ohms-cm	ASTM D257 IEC 60093
热性能	值	测试方法
RTI Elec		UL 746
0.70 mm	115 °C	
1.1 mm	115 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.70 mm	115 °C	
1.1 mm	115 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	

## 组件 - 塑料

UL 档案号: E121562



热性能	值	测试方法
RTI		UL 746
0.70 mm	115 °C	
1.1 mm	115 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	
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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