



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



Lexan: 3412ECR(f1) (GG)

Polycarbonate (PC), pellets, glass reinforced

(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.

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
0.70 mm, ALL	V-2	IEC 60695-11-10, -20
0.8 mm, ALL	V-2	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
6.0 mm, ALL	V-0, 5VA	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.8 mm	PLC 2	
1.5 mm	PLC 1	
3.0 mm	PLC 1	
6.0 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746
0.8 mm	PLC 4	
1.5 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	34 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 3	UL 746
体积电阻率	1.0E+10 ohms·cm	ASTM D257 IEC 60093
耐电弧性	PLC 7	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746
0.70 mm	130 °C	
0.8 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
RTI Imp		UL 746
0.70 mm	125 °C	
0.8 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	
6.0 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	130 °C	
0.8 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
物理性能	值	测试方法
Dimensional Stability	0.17 %	ASTM D1042 ISO 2796
室外适用性	f1	UL 746C

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