



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



Lexan: 3412R

Polycarbonate (PC), pellets, glass reinforced

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		
0.75 mm, BK	HB	UL 94
1.0 mm, BK	HB	UL 94
1.5 mm, ALL	V-1	UL 94 IEC 60695-11-10, -20
1.6 mm, ALL	V-1	UL 94 IEC 60695-11-10, -20
3.0 mm, ALL	V-0, 5VA	UL 94 IEC 60695-11-10, -20
6.0 mm, ALL	V-0, 5VA	UL 94 IEC 60695-11-10, -20
0.75 mm, BK	HB75	IEC 60695-11-10, -20
1.0 mm, BK	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	
1.6 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
1.0 mm	875 °C	
1.5 mm	875 °C	
1.6 mm	875 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
1.5 mm	PLC 0	
1.6 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746
1.5 mm	PLC 4	
1.6 mm	PLC 4	
3.0 mm	PLC 4	
6.0 mm	PLC 4	
相比耐漏电起痕指数(CTI)	PLC 5	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

组件 - 塑料

UL 档案号: E121562



热性能	值	测试方法
RTI Elec		UL 746
0.75 mm	80.0 °C	
1.0 mm	80.0 °C	
1.5 mm	130 °C	
1.6 mm	130 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
RTI Imp		UL 746
0.75 mm	80.0 °C	
1.0 mm	80.0 °C	
1.5 mm	125 °C	
1.6 mm	125 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
RTI		UL 746
0.75 mm	80.0 °C	
1.0 mm	80.0 °C	
1.5 mm	130 °C	
1.6 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

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