

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.

UL 阻燃等级 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 PLC 2 UL 746 1.5 mm PLC 2 UL 746 1.1 mm PLC 2 UL 746 1.1 mm PLC 2 UL 746 ARTM D149 IEC 60243-1 IEC 60243-1 I metall Elegal E	可燃性	值	测试方法
1.1 mm, ALL 1 mm, ALL 1 mm, ALL 1.5 mm, ALL 1.5 mm, ALL 1 mm ALL 1 mB UL 94			
1.5 mm, ALL 3.0 mm, ALL 1HB UL.94	0.70 mm, ALL	НВ	UL 94
3.0 mm, ALL	1.1 mm, ALL	НВ	UL 94
3.0 mm, ALL	1.5 mm, ALL	НВ	UL 94
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 电性能 個 別域方法 热丝引燃 (HWI) UL 746 1.1 mm PLC 2 3.0 mm PLC 2 1.1 mm PLC 2 1.5 mm PLC 1 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 蒸性能 0.70 mm 115 °C 1.1 mm 115 °C UL 746 1.5 mm 130 °C UL 746 RTI Elec 0.70 mm 115 °C 1.5 mm 130 °C UL 746 RTI Imp UL 746 UL 746 0.70 mm 115 °C UL 746 1.1 mm 115 °C UL 746 1.1 mm 115 °C UL 746	3.0 mm, ALL	НВ	UL 94
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 1.5 mm PLC 0 3.0 mm PLC 1 相比耐瀾电起旗指数(CTI) PLC 2 UL 746 介电强度 31 kV/mm ASTM D149 IEC 60243-1 高电压电弧超痕速率 (HVTR) PLC 2 UL 746 体积电阻率 1.0E+16 ohms·cm ASTM D257 IEC 60093 放性能 值 UL 746 0.70 mm 115 °C UL 746 1.1 mm 130 °C 130 °C 3.0 mm 130 °C 130 °C RTI Imp UL 746 0.70 mm 115 °C 1.1 mm 115 °C	3.0 mm, ALL	HB40	IEC 60695-11-10, -20
1.5 mm, ALL		HB75	IEC 60695-11-10, -20
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1.5 mm	· · · ·		UL 746
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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 130 °C 3.0 mm 130 °C RTI Imp UL 746 0.70 mm 115 °C 1.1 mm 115 °C 1.1 mm 115 °C 1.5 mm 125 °C			
別で电滅度	相比耐漏电起痕指数(CTI)	PLC 2	
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	介电强度		
A	高电压电弧起痕速率 (HVTR)	PLC 2	UL 746
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	体积电阻率	1.0E+16 ohms·cm	
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	热性能	值	
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	RTI Elec		UL 746
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	0.70 mm	115 °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	1.1 mm		
RTI Imp UL 746 0.70 mm 115 °C 1.1 mm 115 °C 1.5 mm 125 °C			
0.70 mm 115 °C 1.1 mm 115 °C 1.5 mm 125 °C		130 °C	
1.1 mm 115 °C 1.5 mm 125 °C			UL 746
1.5 mm 125 °C	0.70 mm		
3.0 mm			
	3.0 mm	130 °C	

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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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