



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



Lexan: 123(f1), 123R(f1), 123S(f1), FXD123(f1), FXD123R(f1), 123M(f1)

Polycarbonate (PC), pellets

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

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, 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
0.75 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
1.5 mm	PLC 4	
3.0 mm	PLC 4	
高电弧燃烧指数(HAI)		UL 746
1.5 mm	PLC 2	
3.0 mm	PLC 1	
相比耐漏电起痕指数(CTI)	PLC 2	UL 746
高电压电弧起痕速率 (HVTR)	PLC 2	UL 746
热性能	值	测试方法
RTI Elec		UL 746
0.75 mm	120 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.75 mm	120 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	
RTI		UL 746
0.75 mm	120 °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	f1	UL 746C



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