



SABIC INNOVATIVE PLASTICS B V
EUROPE - RESIN, PLASTICSLAAN 1, BERGEN OP ZOOM 4612 PX NL



Lexan: 101(f2), 101R(f2), 121(f2), 121R(f2), 141(f2), 141R(f2)

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.

NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or a 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 3	
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	25 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+15 ohms·cm	ASTM D257 IEC 60093
耐电弧性	PLC 2	ASTM D495
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	



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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