



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



Lexan: 945 (GG)

Polycarbonate (PC), pellets

(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 a numeric/alpha combination.

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.8 mm, ALL	V-2	IEC 60695-11-10, -20
1.0 mm, ALL	V-0	
1.2 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
灼热丝易燃指数		IEC 60695-2-12
0.8 mm	825 °C	
1.0 mm	825 °C	
1.2 mm	825 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.8 mm	800 °C	
1.0 mm	800 °C	
1.2 mm	800 °C	
1.5 mm	800 °C	
3.0 mm	850 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.8 mm	PLC 3	
1.0 mm	PLC 3	
1.2 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 2	
高电弧燃烧指数(HAI)		UL 746
0.8 mm	PLC 4	
1.0 mm	PLC 3	
1.2 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 3	
相比耐漏电起痕指数(CTI)	PLC 2	UL 746
介电强度	33 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 4	UL 746
体积电阻率	1.0E+15 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
0.8 mm	130 °C	
1.0 mm	130 °C	
1.2 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.8 mm	120 °C	
1.0 mm	120 °C	
1.2 mm	120 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	
RTI		UL 746
0.8 mm	125 °C	
1.0 mm	125 °C	
1.2 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	
Ball Pressure Test (125°C, 3.00 mm)	通过	IEC 60695-10-2
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

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