



组件 - 塑料  
UL 档案号: E207780

SABIC JAPAN L L C

PACIFIC GRADES - RESIN, 2-2 KINUGAOKA, MOKA-SHI TOCHIGI-KEN 321-4392 JP



Valox: 357(f2)(w)(IC), 357U(f2)(w)(IC)

Polybutylene Terephthalate/Polycarbonate (PBT/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.

(w) - Recognition includes the use of surface dyes.

IC - Inclined Plane Tracking per UL746A, average time to track at 3.5 kV is 60+ minutes.

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		
0.46 mm, NC	HB	UL 94
0.63 mm, ALL	V-0	UL 94 IEC 60695-11-10, -20
1.0 mm, BK	V-0	UL 94 IEC 60695-11-10, -20
2.0 mm, ALL	V-0	UL 94 IEC 60695-11-10, -20
3.0 mm, ALL	V-0	UL 94 IEC 60695-11-10, -20
0.46 mm, NC	HB75	IEC 60695-11-10, -20
灼热丝易燃指数		IEC 60695-2-12
1.0 mm	960 °C	
2.0 mm	960 °C	
3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
1.0 mm	775 °C	
2.0 mm	750 °C	
3.0 mm	725 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.46 mm	PLC 4	
0.63 mm	PLC 3	
高电弧燃烧指数(HAI)		UL 746
0.46 mm	PLC 4	
0.63 mm	PLC 4	
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 3	UL 746
Inclined-Plane Tracking (3.5 kV)	60 min	ASTM D2303
体积电阻率	1.0E+16 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 6	ASTM D495





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热性能	值	测试方法
RTI Elec		UL 746
0.46 mm	75.0 °C	
0.63 mm	120 °C	
1.0 mm	120 °C	
2.0 mm	120 °C	
3.0 mm	120 °C	
RTI Imp		UL 746
0.46 mm	75.0 °C	
0.63 mm	120 °C	
1.0 mm	120 °C	
2.0 mm	120 °C	
3.0 mm	120 °C	
RTI		UL 746
0.46 mm	75.0 °C	
0.63 mm	140 °C	
1.0 mm	140 °C	
2.0 mm	140 °C	
3.0 mm	140 °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
室外适用性	f2	UL 746C

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