



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



Valox: 420SE0(f2)(w)(GG)(rr2)

Polybutylene Terephthalate (PBT), 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.

(rr2) - Virgin and regrind up to 50% by weight inclusive

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

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 IEC 60695-11-10, -20
0.40 mm, ALL	V-2	
0.50 mm, ALL	V-2	
0.71 mm, ALL	V-0	
0.75 mm, ALL	V-0	
1.0 mm, ALL	V-0	
1.5 mm, ALL	V-0	
2.0 mm, ALL	V-0, 5VA	
3.0 mm, ALL	V-0, 5VA	
灼热丝易燃指数		IEC 60695-2-12
0.75 mm	960 °C	
1.0 mm	960 °C	
1.5 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.75 mm	700 °C	
1.0 mm	700 °C	
1.5 mm	700 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.50 mm	PLC 4	
0.71 mm	PLC 4	
0.75 mm	PLC 3	
1.0 mm	PLC 3	
1.5 mm	PLC 2	
2.0 mm	PLC 2	
3.0 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746
0.50 mm	PLC 0	
0.71 mm	PLC 0	
0.75 mm	PLC 0	
1.0 mm	PLC 0	
1.5 mm	PLC 0	
2.0 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 3	UL 746



电气性能	值	测试方法
介电强度	27 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 6	ASTM D495
漏电起痕指数 (3.00 mm)	175 V	IEC 60112
热性能	值	测试方法
RTI Elec		UL 746
0.40 mm	75.0 °C	
0.50 mm	75.0 °C	
0.71 mm	130 °C	
0.75 mm	130 °C	
1.0 mm	130 °C	
1.5 mm	130 °C	
2.0 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.40 mm	75.0 °C	
0.50 mm	75.0 °C	
0.71 mm	130 °C	
0.75 mm	130 °C	
1.0 mm	130 °C	
1.5 mm	130 °C	
2.0 mm	130 °C	
3.0 mm	130 °C	
RTI		UL 746
0.40 mm	75.0 °C	
0.50 mm	75.0 °C	
0.71 mm	140 °C	
0.75 mm	140 °C	
1.0 mm	140 °C	
1.5 mm	140 °C	
2.0 mm	140 °C	
3.0 mm	140 °C	
Ball Pressure Test (175°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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