



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



Valox: 553(a)(f1)(w), 553E(a)(f1)(w), 553U(a)(f1)(w)

Polybutylene Terephthalate (PBT), pellets

(a) - Virgin and regrind up to 50% by weight have the same basic material characteristics.

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

(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 numeric/alpha combination.

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.9 mm, ALL	V-0	IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
2.3 mm, ALL	V-0, 5VA	
3.0 mm, ALL	V-0, 5VA	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.9 mm	PLC 3	
1.5 mm	PLC 2	
3.0 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746
0.9 mm	PLC 4	
1.5 mm	PLC 3	
3.0 mm	PLC 3	
相比耐漏电起痕指数(CTI)	PLC 3	UL 746
介电强度	27 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 3	UL 746
体积电阻率	1.0E+15 ohms·cm	ASTM D257 IEC 60093
耐电弧性	PLC 6	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746
0.9 mm	125 °C	
1.5 mm	125 °C	
2.3 mm	125 °C	
3.0 mm	125 °C	
RTI Imp		UL 746
0.9 mm	110 °C	
1.5 mm	110 °C	
2.3 mm	110 °C	
3.0 mm	110 °C	

组件 - 塑料

UL 档案号: E121562



热性能	值	测试方法
RTI		UL 746
0.9 mm	125 °C	
1.5 mm	125 °C	
2.3 mm	125 °C	
3.0 mm	125 °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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