



组件 - 塑料
UL 档案号: E121562

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



Valox: V3900WX(GG)(f1)(IA), V3901WX(GG)(f1)(IA)

Polybutylene Terephthalate/Polycarbonate (PBT/PC), pellets

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

(GG) - Denotes a global grade formulation previously in File E161759.

IA - Inclined Plane Tracking per UL746A, average time to track at 1.0 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		UL 94
1.50 mm, ALL	V-0	IEC 60695-11-10, -20
3.00 mm, ALL	V-0, 5VA	
灼热丝易燃指数		IEC 60695-2-12
1.00 mm	960 °C	
3.00 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
1.00 mm	825 °C	
3.00 mm	725 °C	
电气性能	值	测试方法
热丝引燃 (HWI) (1.50 mm)	PLC 3	UL 746
高电弧燃烧指数(HAI) (1.50 mm)	PLC 0	UL 746
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
Inclined-Plane Tracking (1.0 kV)	60 min	ASTM D2303
体积电阻率	1.0E+14 ohms·cm	ASTM D257 IEC 60093
热性能	值	测试方法
RTI Elec		UL 746
1.00 mm	75.0 °C	
1.50 mm	120 °C	
3.00 mm	120 °C	
RTI Imp		UL 746
1.00 mm	75.0 °C	
1.50 mm	120 °C	
3.00 mm	120 °C	
RTI		UL 746
1.00 mm	75.0 °C	
1.50 mm	120 °C	
3.00 mm	120 °C	
Ball Pressure Test (125°C, 3.00 mm)	Pass	IEC 60695-10-2
物理性能	值	测试方法
室外适用性	f1	UL 746C
冲击性能	值	测试方法
拉伸冲击强度 ¹	165 kJ/m ²	ISO 8256





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备注

¹ 4 mm

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