



Solvay Specialty Polymers USA L L C
4500 MCGINNIS FERRY RD, ALPHARETTA GA 30005-2203



RYTON: R-4 XT(f1)

Polyphenylene Sulfide (PPS), pellets, glass reinforced

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

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.38 mm, NC	V-0	IEC 60695-11-10, -20
0.75 mm, NC	V-0	
1.0 mm, NC	V-0	
1.5 mm, NC	V-0	
1.8 mm, NC	V-0, 5VA	
3.0 mm, NC	V-0, 5VA	
6.0 mm, NC	V-0, 5VA	
灼热丝易燃指数		IEC 60695-2-12
1.0 mm	960 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	
6.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
1.0 mm	825 °C	
1.5 mm	825 °C	
3.0 mm	825 °C	
6.0 mm	825 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.38 mm	PLC 4	
0.75 mm	PLC 4	
1.0 mm	PLC 4	
1.5 mm	PLC 0	
1.8 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746
0.38 mm	PLC 1	
0.75 mm	PLC 1	
1.0 mm	PLC 1	
1.5 mm	PLC 0	
1.8 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 4	UL 746
介电强度	17 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 4	UL 746



电气性能	值	测试方法
体积电阻率	1.0E+15 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 5	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746
0.38 mm	130 °C	
0.75 mm	200 °C	
1.0 mm	200 °C	
1.5 mm	220 °C	
1.8 mm	220 °C	
3.0 mm	220 °C	
6.0 mm	220 °C	
RTI Imp		UL 746
0.38 mm	130 °C	
0.75 mm	200 °C	
1.0 mm	200 °C	
1.5 mm	200 °C	
1.8 mm	200 °C	
3.0 mm	200 °C	
6.0 mm	200 °C	
RTI		UL 746
0.38 mm	130 °C	
0.75 mm	200 °C	
1.0 mm	220 °C	
1.5 mm	220 °C	
1.8 mm	220 °C	
3.0 mm	220 °C	
6.0 mm	220 °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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