



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



**RYTON: R-7-121(h)(f1)(a)**

Polyphenylene Sulfide (PPS), pellets, glass reinforced, mineral filled

- (a) - Inclined Plane Tracking per UL746A average time to track at 2500V is 3 minutes
- (f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.
- (h) - Where (h) is a two letter suffix representing color per supplier's designation of color

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.75 mm, BK	V-0	IEC 60695-11-10, -20
1.5 mm, BK	V-0, 5VA	
3.0 mm, BK	V-0	
6.0 mm, BK	V-0	
灼热丝易燃指数		IEC 60695-2-12
0.75 mm	960 °C	
6.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.75 mm	825 °C	
6.0 mm	875 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.75 mm	PLC 1	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 2	UL 746
介电强度	13 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746
Inclined-Plane Tracking (2.5 kV)	3 min	ASTM D2303
体积电阻率	1.0E+15 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 4	ASTM D495
漏电起痕指数 (3.00 mm)	250 V	IEC 60112
热性能	值	测试方法
RTI Elec		UL 746
0.75 mm	220 °C	
1.5 mm	240 °C	
3.0 mm	240 °C	
6.0 mm	220 °C	



热性能	值	测试方法
RTI Imp		UL 746
0.75 mm	200 °C	
1.5 mm	220 °C	
3.0 mm	220 °C	
6.0 mm	200 °C	
RTI		UL 746
0.75 mm	220 °C	
1.5 mm	240 °C	
3.0 mm	240 °C	
6.0 mm	220 °C	
Ball Pressure Test (200°C, 3.00 mm)	通过	IEC 60695-10-2
物理性能	值	测试方法
室外适用性	f1	UL 746C

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