



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



Veradel: A-301
Polyethersulphone (PES), pellets

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.8 mm, NC	V-0	IEC 60695-11-10, -20
1.5 mm, WT, BK	V-0	
3.0 mm, ALL	V-0	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.8 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 3	
高电弧燃烧指数(HAI)		UL 746
0.8 mm	PLC 1	
1.5 mm	PLC 1	
3.0 mm	PLC 1	
相比耐漏电起痕指数(CTI)	PLC 4	UL 746
介电强度	26 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 2	UL 746
体积电阻率	1.0E+15 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 7	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746
0.8 mm	180 °C	
1.5 mm	180 °C	
3.0 mm	180 °C	
RTI Imp		UL 746
0.8 mm	170 °C	
1.5 mm	170 °C	
3.0 mm	170 °C	
RTI		UL 746
0.8 mm	180 °C	
1.5 mm	180 °C	
3.0 mm	180 °C	
热变形温度 ¹ (1.8 MPa, 未退火)	211 °C	ISO 75-2/A
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796
机械性能	值	测试方法
拉伸应力 (屈服, 4.00 mm)	82.0 MPa	ISO 527-2
冲击性能	值	测试方法
拉伸冲击强度 ¹	189 kJ/m ²	ISO 8256



备注

¹ 4 mm

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