



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



IXEF: FC-1022 (##)

Polyamide (PA), pellets

(##) - Denotes up to six characters consisting of a combination of letters and/or numbers representing a color code.

可燃性	值	测试方法
UL 阻燃等级		
0.75 mm, ALL	HB	UL 94
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
0.75 mm, ALL	HB75	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
灼热丝易燃指数		IEC 60695-2-12
0.75 mm	725 °C	
1.5 mm	725 °C	
3.0 mm	775 °C	
热灯丝点火温度		IEC 60695-2-13
0.75 mm	750 °C	
1.5 mm	750 °C	
3.0 mm	800 °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	
高电弧燃烧指数(HAI)		UL 746
0.75 mm	PLC 1	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 1	UL 746
介电强度	28 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746
体积电阻率	1.0E+8 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 5	ASTM D495
漏电起痕指数		IEC 60112
3.00 mm <sup>1</sup>	500 V	
3.00 mm <sup>2</sup>	450 V	
热性能	值	测试方法
RTI Elec		UL 746
0.75 mm	65.0 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	



热性能	值	测试方法
RTI Imp		UL 746
0.75 mm	90.0 °C	
1.5 mm	105 °C	
3.0 mm	105 °C	
RTI		UL 746
0.75 mm	105 °C	
1.5 mm	105 °C	
3.0 mm	120 °C	
Ball Pressure Test (200°C, 3.00 mm)	通过	IEC 60695-10-2
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796
<b>备注</b>		
<sup>1</sup> 50 电压降		
<sup>2</sup> 100 电压降		

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