



E I DUPONT DE NEMOURS & CO INC  
ENGINEERING POLYMERS, CHESTNUT RUN PLAZA, PO BOX 80713, WILMINGTON DE 19880-0713



Rynite: FR530(I)(+)(f1), FR530L(I)(+)(f1)

Polyethylene Terephthalate (PET), pellets, glass reinforced, flame retardant

- (+) - Virgin and regrind up to 50% by weight inclusive, have the same basic material characteristics.
- (f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.
- (I) - Recognized ground insulation component at 0.4 mm with MW79 in UL1446 Class 155 electrical insulation system designated R201N (File E69939).

可燃性	值	测试方法
<b>UL 阻燃等级</b>		UL 94
0.35 mm, NC, BK	V-0	IEC 60695-11-10, -20
0.75 mm, ALL	V-0	
0.9 mm, NC	V-0, 5VA	
1.5 mm, NC, BK	V-0, 5VA	
2.0 mm, ALL	V-0, 5VA	
3.0 mm, ALL	V-0, 5VA	
<b>灼热丝易燃指数</b>		IEC 60695-2-12
0.75 mm	960 °C	
0.9 mm	960 °C	
1.5 mm	960 °C	
2.0 mm	960 °C	
3.0 mm	960 °C	
<b>热灯丝点火温度</b>		IEC 60695-2-13
0.75 mm	800 °C	
0.9 mm	800 °C	
1.5 mm	800 °C	
2.0 mm	985 °C	
3.0 mm	985 °C	
<b>电气性能</b>	<b>值</b>	<b>测试方法</b>
<b>热丝引燃 (HWI)</b>		UL 746
0.35 mm	PLC 3	
0.75 mm	PLC 2	
0.9 mm	PLC 2	
1.5 mm	PLC 0	
2.0 mm	PLC 0	
3.0 mm	PLC 0	
<b>高电弧燃烧指数(HAI)</b>		UL 746
0.35 mm	PLC 1	
0.75 mm	PLC 1	
0.9 mm	PLC 1	
1.5 mm	PLC 1	
2.0 mm	PLC 1	
3.0 mm	PLC 1	
<b>相比耐漏电起痕指数(CTI)</b>	PLC 2	UL 746



电气性能	值	测试方法
介电强度	34 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 1	UL 746
体积电阻率	1.0E+16 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 6	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746
0.35 mm	155 °C	
0.75 mm	155 °C	
0.9 mm	155 °C	
1.5 mm	155 °C	
2.0 mm	155 °C	
3.0 mm	155 °C	
RTI Imp		UL 746
0.35 mm	155 °C	
0.75 mm	155 °C	
0.9 mm	155 °C	
1.5 mm	155 °C	
2.0 mm	155 °C	
3.0 mm	155 °C	
RTI		UL 746
0.35 mm	155 °C	
0.75 mm	155 °C	
0.9 mm	155 °C	
1.5 mm	155 °C	
2.0 mm	155 °C	
3.0 mm	155 °C	
Ball Pressure Test (245°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
室外适用性	f1	UL 746C

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