



E I DUPONT DE NEMOURS & CO INC

Mobility & Materials  
200 Powder Mill Road #304  
Wilmington, DE 19803 United States



Zytel: FG101L(r9)(f1)

Polyamide 66 (PA66), pellets

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

(r9) - Virgin and regrind up to 50% by weight inclusive, have the same basic material characteristics for ALL colors down to 0.71mm. For thickness 0.40mm to 0.70mm the same basic material characteristics exist with the exception of generic RTIs for all properties and Regrind exceeding 25% is limited to V-2 Flammability for WT, RD, BK.

NOTE - (1) Material designations that are color pigmented may be followed by suffix letters and numbers. (2) Material designations may be prefixed by "ZYT" for Zytel or "MIN" for Minlon or "DEL" for Delrin or "CRA" for Crastin or "RYN" for Rynite or "ETPV" for ETPV or "SOR" for Sorona grades.

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.71 mm, ALL	V-2	IEC 60695-11-10, -20
1.5 mm, ALL	V-2	
3.0 mm, ALL	V-2	
6.0 mm, ALL	V-2	
灼热丝易燃指数		IEC 60695-2-12
0.71 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
0.71 mm	725 °C	
1.5 mm	750 °C	
3.0 mm	800 °C	
6.0 mm	800 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.71 mm	PLC 4	
1.5 mm	PLC 3	
3.0 mm	PLC 2	
6.0 mm	PLC 2	
高电弧燃烧指数(HAI)		UL 746A
0.71 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 0	UL 746A
介电强度	13 kV/mm	ASTM D149
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746A
体积电阻率	1.0E+14 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 746B
0.71 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
RTI Imp		UL 746B
0.71 mm	75.0 °C	
1.5 mm	75.0 °C	
3.0 mm	75.0 °C	
6.0 mm	75.0 °C	
RTI		UL 746B
0.71 mm	85.0 °C	
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	
6.0 mm	85.0 °C	
物理性能	值	测试方法
室外适用性	f1	UL 746C