



## E I DUPONT DE NEMOURS & CO INC

ENGINEERING POLYMERS, CHESTNUT RUN PLAZA, PO BOX 80713, WILMINGTON DE 19880-0713



### Zytel: FR50(+)(f1)

Polyamide 66 (PA66), pellets, flame retardant, glass reinforced

(+) - 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.

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
0.350 mm, ALL	V-0	IEC 60695-11-10, -20
0.750 mm, ALL	V-0	
1.50 mm, NC, BK	V-0, 5VA	
3.00 mm, NC, BK	V-0, 5VA	
灼热丝易燃指数		IEC 60695-2-12
0.750 mm	960 °C	
1.50 mm	960 °C	
3.00 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.750 mm	900 °C	
1.50 mm	900 °C	
3.00 mm	930 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.750 mm	PLC 0	
1.50 mm	PLC 0	
3.00 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746
0.750 mm	PLC 0	
1.50 mm	PLC 0	
3.00 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 2	UL 746
介电强度	25 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+11 ohm·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
0.750 mm	130 °C	
1.50 mm	130 °C	
3.00 mm	130 °C	



热性能	值	测试方法
RTI Imp		UL 746
0.750 mm	105 °C	
1.50 mm	115 °C	
3.00 mm	115 °C	
RTI		UL 746
0.750 mm	105 °C	
1.50 mm	115 °C	
3.00 mm	120 °C	
物理性能	值	测试方法
室外适用性	f1	UL 746C

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