



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



Zytel: 153HSL

Polyamide 6/12 (PA6/12), pellets

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		
0.9 mm, NC	HB	UL 94
1.5 mm, NC	HB	UL 94
3.0 mm, NC	HB	UL 94
3.0 mm, NC	HB40	IEC 60695-11-10, -20
0.9 mm, NC	HB75	IEC 60695-11-10, -20
1.5 mm, NC	HB75	IEC 60695-11-10, -20
灼热丝易燃指数		IEC 60695-2-12
0.9 mm	825 °C	
1.5 mm	775 °C	
3.0 mm	925 °C	
热灯丝点火温度		IEC 60695-2-13
0.9 mm	700 °C	
1.5 mm	700 °C	
3.0 mm	700 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.9 mm	PLC 4	
1.5 mm	PLC 4	
3.0 mm	PLC 3	
高电弧燃烧指数(HAI)		UL 746
0.9 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 0	UL 746
介电强度	27 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746
耐电弧性	PLC 5	ASTM D495



热性能	值	测试方法
RTI Elec		UL 746
0.9 mm	105 °C	
1.5 mm	105 °C	
3.0 mm	105 °C	
RTI Imp		UL 746
0.9 mm	65.0 °C	
1.5 mm	65.0 °C	
3.0 mm	65.0 °C	
RTI		UL 746
0.9 mm	65.0 °C	
1.5 mm	65.0 °C	
3.0 mm	65.0 °C	

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