



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



Zytel: HTN51G35HSL(f1)(f3)

Polyamide 6T/MPMDT, pellets, high temperature

- (f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.
- (f3) - Refer also to guides FDNP-2 and IQDY-2 for additional information regarding suitability for use in NSF 61 and NSF 51 applications.

可燃性	值	测试方法
UL 阻燃等级		
0.9 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
0.9 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
0.9 mm	750 °C	
1.5 mm	750 °C	
3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.9 mm	775 °C	
1.5 mm	775 °C	
3.0 mm	800 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.9 mm	PLC 2	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
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	28 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 2	UL 746
体积电阻率	1.0E+14 ohms-cm	ASTM D257 IEC 60093



热性能	值	测试方法
RTI Elec		UL 746
0.9 mm	150 °C	
1.5 mm	150 °C	
3.0 mm	150 °C	
RTI Imp		UL 746
0.9 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	
RTI		UL 746
0.9 mm	130 °C	
1.5 mm	140 °C	
3.0 mm	150 °C	
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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