

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



Zytel: HTNFR52G30BL(r10)(f1)

Polyamide 6T/66 (PA6T/66), pellets

- (f1) Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.
- (r10) Virgin and regrind up to 50% by weight inclusive, have the same basic material characteristics except ball pressure temperature at 0.75mm and above.

UL 開爆等級 V-0, 5VA UL 94 IEC 60695-11-10, -20 1.5 mm, BK V-0, 5VA IEC 60695-11-10, -20 均熱金素階数 1EC 60695-2-12 1.5 mm 960 °C IEC 60695-2-13 3.0 mm 960 °C IEC 60695-2-13 3.5 mm 960 °C UL 746 3.0 mm 960 °C UL 746 数台灣(HW) PLC 0 UL 746 1.5 mm PLC 0 UT 746 3.0 mm PLC 0 UT 746 1.5 mm PLC 0 UT 746 3.0 mm PLC 0 UT 746 4 Lb 前庸 起籍教女(TH) PLC 0 UT 746 * 中 电键 26 kW/mm IEC 60243-1 高 电压电弧超速率(HVTR) PLC 0 UT 746 * 体 和 电键 1.0 E+14 ohms cm EC 60093 Bktt 值 別式方法 KTI Icc UT 746 UT 746 3.0 mm 140 °C UT 746 3.0 mm 140 °C UT 746 1.5 mm 120 °C UT 746 3.0 mm 120 °C UT 746 7.5 mm 120 °C UT 746 <t< th=""><th>可燃性</th><th>值</th><th>测试方法</th></t<>	可燃性	值	测试方法	
1.5 mm	UL 阻燃等级			
特別性	1.5 mm, BK	V-0, 5VA	IEC 60695-11-10, -20	
1.5 mm 960 °C 热灯丝点火温度 IEC 60695-2-13 1.5 mm 925 °C 3.0 mm 960 °C 电气性性 值 测试方法 热丝引燃 (HWI) UL 746 1.5 mm PLC 0 3.0 mm PLC 0 6 电虹燃烧指数(HAI) UL 746 1.5 mm PLC 0 3.0 mm PLC 0 3.0 mm PLC 1 UL 746 有电强爆烧指数(TI) PLC 0 UL 746 有电压电组起痕速率 (HVTR) PLC 0 UL 746 体积电阻率 1.0E+14 ohms·cm ASTM D257 IEC 60093-1 EC 60243-1 EC 60243-1 EC 60243-1 高电压电组起痕速率 (HVTR) PLC 0 UL 746 体积电阻率 1.0E+14 ohms·cm ASTM D257 IEC 60093-1 EC 60243-1 EC 60243-1 EC 60243-1 高电压电组起速速 (HVTR) PLC 0 UL 746 FTI IEC UL 746 UL 746 1.5 mm 140 °C UL 746 1.5 mm 120 °C UL 746 1.5 mm 120 °C UL 746 1.5 mm 120 °C UL 746 1.	3.0 mm, BK	V-0		
3.0 mm 960 °C EC 60695-2-13 EC 60695-10-2 EC 60695	灼热丝易燃指数		IEC 60695-2-12	
A打性点火温度	1.5 mm	960 °C		
1.5 mm 3.0 mm 925°C 960°C 960°C 960°C 株式 M (HVI) UL 746 ため 引機 (HVI) UL 746 1.5 mm 3.0 mm PLC 0 3.0 mm PLC 0 相比耐漏电起痕指数(CTI) PLC 1 UL 746 相比耐漏电起痕接收(CTI) PLC 0 UL 746 体积电阻率 1.0E+14 ohms·cm ASTM D257 IEC 60093 kbe in 值 NUT 746 TTI Elec UL 746 1.5 mm 140°C 3.0 mm 120°C 3.0 mm <th colspan<="" td=""><td>3.0 mm</td><td>960 °C</td><td></td></th>	<td>3.0 mm</td> <td>960 °C</td> <td></td>	3.0 mm	960 °C	
地代館 値 別試方法 熱丝引燃 (HWI) PLC 0 3.0 mm PLC 0 高电弧燃烧指数(HAI) PLC 0 1.5 mm PLC 0 3.0 mm PLC 0 3.0 mm PLC 0 4 比耐漏电起痕指数(CTI) PLC 1 UL 746 介电强度 26 kV/mm ASTM D149 IEC 600243-1 高电压电弧起痕速率 (HVTR) PLC 0 UL 746 体积电阻率 1.0E+14 ohms·cm ASTM D257 IEC 60093 技性館 位 別試方法 RTI EIC UL 746 1.5 mm 140 °C RTI Imp UL 746 1.5 mm 120 °C 3.0 mm 120 °C 3.0 mm 120 °C 3.0 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280°C, 3.00 mm) 通过 IEC 60695-10-2 物理性能 值 別試方法 Dimensional Stability 0.0% ASTM D1042 IEC 60695-10-2 物理性能 值 別試方法 Image: Test (280°C, 3.00 mm) 過域 IEC 60695-10-2 物理性能 1.5 mm 1.5 mm 1.5 mm 1.5 mm 1.5 m	热灯丝点火温度		IEC 60695-2-13	
単性化 値 別式方法 熟설引燃 (HWI) UL 746 1.5 mm PLC 0 3.0 mm PLC 0 高电弧燃烧指数(HAI) UL 746 1.5 mm PLC 0 3.0 mm PLC 0 相比耐溝电起痕指数(CTI) PLC 1 UL 746 介电强度 26 kW/mm ASTM D149 [EC 60243-1] 高电压电弧起痕速率 (HVTR) PLC 0 UL 746 体积电阻率 1.0E+14 ohms·cm ASTM D257 [EC 60093] AXTM D257 [EC 60093] UL 746 1.5 mm 140 °C UL 746 1.5 mm 140 °C UL 746 1.5 mm 120 °C </td <td>1.5 mm</td> <td>925 °C</td> <td></td>	1.5 mm	925 °C		
放送引燃 (HWI)	3.0 mm	960 °C		
1.5 mm	电气性能	值	测试方法	
PLC 0 高电弧燃烧指数(HAI) PLC 0 相比耐漏电起痕指数(CTI) PLC 1 UL 746 相比耐漏电起痕指数(CTI) PLC 1 UL 746 介电强度 26 kV/mm ASTM D149 IEC 60243-1 高电压电弧起痕速率 (HVTR) PLC 0 UL 746 体积电阻率 I DL 746 RTI Elec UL 746 1.5 mm 140°C 3.0 mm 120°C RTI Imp UL 746 1.5 mm 120°C 3.0 mm 120°C RTI 1.5 mm 120°C 3.0 mm 120°C Ball Pressure Test (280°C, 3.00 mm) 通过 IEC 60695-10-2 物理性能 值 ASTM D1042 ISO 2796 Dimensional Stability 0.0% ASTM D1042 ISO 2796	热丝引燃 (HWI)		UL 746	
高电弧燃烧指数(HAI) PLC 0 1.5 mm PLC 0 3.0 mm PLC 0 相比耐漏电起痕指数(CTI) PLC 1 UL 746 介电强度 26 kV/mm ASTM D149 IEC 60243-1 高电压电弧起痕速率 (HVTR) PLC 0 UL 746 体积电阻率 1.0E+14 ohms·cm IEC 60093 热性能 值 测试方法 RTI Elec UL 746 1.5 mm 140 °C 3.0 mm 140 °C 3.0 mm 120 °C 3.0 mm 120 °C 3.0 mm 120 °C 3.0 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280 °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	1.5 mm	PLC 0		
1.5 mm PLC 0 相比耐漏电起痕指数(CTI) PLC 1 UL 746 介电强度 26 kV/mm ASTM D149 IEC 60243-1 IEC 60243-1 高电压电弧起痕速率 (HVTR) PLC 0 UL 746 体积电阻率 I .0E +14 ohms·cm ASTM D257 IEC 60093 放性能 I .0E +14 ohms·cm UL 746 1.5 mm 140 °C 3.0 mm 120 °C RTI Imp UL 746 1.5 mm 120 °C 3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 120 °C 3.0 mm 120 °C Ball Pressure Test (280°C, 3.00 mm) 通过 IEC 60695-10-2 物理性能 值 NITM D1042 ISO 2796 Dimensional Stability 0.0 % ASTM D1042 ISO 2796	3.0 mm	PLC 0		
1.5 mm PLC 0 相比耐漏电起痕指数(CTI) PLC 1 UL 746 介电强度 26 kV/mm ASTM D149 IEC 60243-1 IEC 60243-1 高电压电弧起痕速率 (HVTR) PLC 0 UL 746 体积电阻率 I .0E +14 ohms·cm ASTM D257 IEC 60093 放性能 I .0E +14 ohms·cm UL 746 1.5 mm 140 °C 3.0 mm 120 °C RTI Imp UL 746 1.5 mm 120 °C 3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 120 °C 3.0 mm 120 °C Ball Pressure Test (280°C, 3.00 mm) 通过 IEC 60695-10-2 物理性能 值 NITM D1042 ISO 2796 Dimensional Stability 0.0 % ASTM D1042 ISO 2796	高电弧燃烧指数(HAI)		UL 746	
相比耐漏电起痕指数(CTI) PLC 1 UL 746 介电强度 26 kV/mm ASTM D149 IEC 60243-1 高电压电弧起痕速率 (HVTR) PLC 0 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 UL 746 1.5 mm 140 °C UL 746 RTI Imp UL 746 UL 746 1.5 mm 120 °C UL 746 3.0 mm 120 °C UL 746 RTI UL 746 UL 746 1.5 mm 120 °C UL 746 3.0 mm 120 °C UL 746 Ball Pressure Test (280 °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		PLC 0		
介电强度 26 kV/mm ASTM D149 IEC 60243-1 高电压电弧起痕速率 (HVTR) PLC 0 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 1.5 mm 140 °C UL 746 3.0 mm 120 °C UL 746 1.5 mm 120 °C UL 746 RTI UL 746 UL 746 1.5 mm 120 °C UL 746 8.1 mm 120 °C UL 746 1.5 mm 130 °C End of the pressure Test (280°C, 3.00 mm) IEC 60695-10-2 Ball Pressure Test (280°C, 3.00 mm) 通过 IEC 60695-10-2 物理性能 值 测试方法 Dimensional Stability ASTM D1042 ISO 2796	3.0 mm	PLC 0		
所も独接	相比耐漏电起痕指数(CTI)	PLC 1	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 1.5 mm 140 °C 3.0 mm 140 °C RTI Imp UL 746 1.5 mm 120 °C 3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280 °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	介电强度	26 kV/mm		
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 1.5 mm 140 °C 3.0 mm 140 °C RTI Imp UL 746 1.5 mm 120 °C 3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280 °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	高电压电弧起痕速率 (HVTR)	PLC 0	UL 746	
RTI Elec UL 746 1.5 mm 140 °C 3.0 mm 140 °C RTI Imp UL 746 1.5 mm 120 °C 3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280 °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		1.0E+14 ohms∙cm		
1.5 mm 140 °C 3.0 mm 140 °C RTI Imp UL 746 1.5 mm 120 °C 3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280 °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	热性能	值	测试方法	
3.0 mm 140 °C RTI Imp UL 746 1.5 mm 120 °C 3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280 °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	RTI Elec		UL 746	
RTI Imp UL 746 1.5 mm 120 °C 3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280 °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	1.5 mm	140 °C		
1.5 mm 120 °C 3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280 °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	3.0 mm	140 °C		
3.0 mm 120 °C RTI UL 746 1.5 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280 °C, 3.00 mm) 通过 IEC 60695-10-2 物理性能 值 测试方法 Dimensional Stability ASTM D1042 ISO 2796	RTI Imp		UL 746	
RTI UL 746 1.5 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280°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	1.5 mm	120 °C		
1.5 mm 120 °C 3.0 mm 130 °C Ball Pressure Test (280°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	3.0 mm	120 °C		
3.0 mm 130 °C Ball Pressure Test (280°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	RTI		UL 746	
Ball Pressure Test (280°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	1.5 mm	120 °C		
物理性能值测试方法Dimensional Stability0.0 %ASTM D1042 ISO 2796	3.0 mm	130 °C		
物理性能值测试方法Dimensional Stability0.0 %ASTM D1042 ISO 2796	Ball Pressure Test (280°C, 3.00 mm)	通过	IEC 60695-10-2	
Dimensional Stability 0.0 % ISO 2796		值	测试方法	
室外适用性 f1 UL 746C	Dimensional Stability	0.0 %		
	室外适用性	f1	UL 746C	

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组件 - 塑料 UL 档案号: E41938



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