



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



Crastin: LW9030FR

Polybutylene Terephthalate (PBT), pellets, flame retardant

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
0.75 mm, NC, BK	V-0	IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
2.0 mm, BK	V-0, 5VA	
3.0 mm, ALL	V-0, 5VA	
6.0 mm, ALL	V-0, 5VA	
灼热丝易燃指数		IEC 60695-2-12
0.75 mm	960 °C	
1.5 mm	960 °C	
2.0 mm	960 °C	
3.0 mm	960 °C	
6.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.75 mm	750 °C	
1.5 mm	750 °C	
2.0 mm	750 °C	
3.0 mm	750 °C	
6.0 mm	750 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.75 mm	PLC 3	
1.5 mm	PLC 2	
2.0 mm	PLC 2	
3.0 mm	PLC 1	
6.0 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746
0.75 mm	PLC 3	
1.5 mm	PLC 3	
2.0 mm	PLC 3	
3.0 mm	PLC 3	
6.0 mm	PLC 3	
相比耐漏电起痕指数(CTI)	PLC 1	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 4	UL 746
体积电阻率	1.0E+15 ohms·cm	ASTM D257 IEC 60093
耐电弧性	PLC 6	ASTM D495



电气性能	值	测试方法
漏电起痕指数 (3.00 mm)	425 V	IEC 60112
热性能	值	测试方法
RTI Elec		UL 746
0.75 mm	140 °C	
1.5 mm	140 °C	
2.0 mm	140 °C	
3.0 mm	140 °C	
6.0 mm	140 °C	
RTI Imp		UL 746
0.75 mm	125 °C	
1.5 mm	125 °C	
2.0 mm	125 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
RTI		UL 746
0.75 mm	130 °C	
1.5 mm	130 °C	
2.0 mm	130 °C	
3.0 mm	140 °C	
6.0 mm	140 °C	
Ball Pressure Test (150°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

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