



POLYPLASTICS CO LTD  
18-1 KONAN 2-CHOME  
MINATO-KU, TOKYO 108-8280 Japan



**Duranex: CN7030(a2)(f2)(h1)**

Polybutylene Terephthalate (PBT), pellets, glass reinforced

- (a2) - May be suffixed with one or two letters except XX or MF.
- (f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.
- (h1) - Virgin and regrind from 26% thru 50% have the same basic material characteristics with the exception of the 5VA flammability rating.

可燃性	值	测试方法
UL 阻燃等级		UL 94 IEC 60695-11-10, -20
0.66 mm, ALL	V-0	
0.8 mm, ALL	V-0	
1.0 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
热灯丝点火温度		IEC 60695-2-13
1.0 mm	700 °C	
1.5 mm	700 °C	
3.0 mm	675 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.66 mm	PLC 3	
0.8 mm	PLC 3	
1.0 mm	PLC 3	
1.5 mm	PLC 2	
3.0 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746A
0.66 mm	PLC 0	
0.8 mm	PLC 0	
1.0 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 3	UL 746A
介电强度	25 kV/mm	ASTM D149
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746A
体积电阻率	1.0E+16 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 6	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746B
0.66 mm	130 °C	
0.8 mm	130 °C	
1.0 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	

## 组件 - 塑料

UL 档案号: E213445



热性能	值	测试方法
RTI Imp		UL 746B
0.66 mm	125 °C	
0.8 mm	125 °C	
1.0 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	
RTI		UL 746B
0.66 mm	140 °C	
0.8 mm	140 °C	
1.0 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
物理性能	值	测试方法
Dimensional Change	0.0 %	ASTM D1042 ISO 2796
室外适用性	f2	UL 746C