



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



**Duranex: CN70(zz)(a2)(f1)(j)**

Polybutylene Terephthalate (PBT), pellets, glass reinforced

(a2) - May be suffixed with one or two letters except XX or MF.

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

(j) - Regrind from 26% to 50% inclusive have the same basic material characteristics except assigned (f2).

(zz) - Two digits 01 thru 29.

| 可燃性              | 值               | 测试方法                          |
|------------------|-----------------|-------------------------------|
| UL 阻燃等级          |                 | UL 94<br>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             |                               |
| 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 4           |                               |
| 1.0 mm           | PLC 4           |                               |
| 1.5 mm           | PLC 3           |                               |
| 3.0 mm           | PLC 2           |                               |
| 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<br>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            | 120 °C |                        |
| 0.8 mm             | 120 °C |                        |
| 1.0 mm             | 120 °C |                        |
| 1.5 mm             | 120 °C |                        |
| 3.0 mm             | 120 °C |                        |
| RTI                |        | 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 |                        |
| 物理性能               | 值      | 测试方法                   |
| Dimensional Change | 0.0 %  | ASTM D1042<br>ISO 2796 |
| 室外适用性              | f1     | UL 746C                |