



TORAY INDUSTRIES INC
NIHONBASHI-MITSUI TOWER
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CHUO-KU, Tokyo 103-8666 Japan



3001-N, 3007, CM3001-N, CM3007 (rd6)

Polyamide 66 (PA66), pellets

(rd6) - Virgin and regrind up to 50% for All color by weight inclusive to the minimum thickness of 0.71mm having the same flammability, HDT, TI, and TS characteristics when used within the 65C generic RTI; No other properties for regrind 26-50% by weight inclusive have been determined.

| 可燃性 | 值 | 测试方法 |
|------------------|-----------------|----------------------|
| UL 阻燃等级 | | UL 94 |
| 0.38 mm, ALL | V-2 | |
| 0.71 mm, ALL | V-2 | |
| 1.5 mm, ALL | V-2 | |
| 3.0 mm, ALL | V-2 | |
| 可燃性等级 | | IEC 60695-11-10, -20 |
| 0.38 mm, ALL | V-2 | |
| 0.71 mm, ALL | V-2 | |
| 1.5 mm, ALL | V-2 | |
| 3.0 mm, ALL | V-2 | |
| 电气性能 | 值 | 测试方法 |
| 热丝引燃 (HWI) | | UL 746A |
| 0.71 mm | PLC 4 | |
| 1.5 mm | PLC 4 | |
| 3.0 mm | PLC 3 | |
| 高电弧燃烧指数(HAI) | | UL 746A |
| 0.71 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 746A |
| 介电强度 | 26 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+14 ohms-cm | ASTM D257 |
| 体积电阻率 | 1.0E+14 ohms-cm | IEC 60093 |
| 耐电弧性 | PLC 6 | ASTM D495 |
| 热性能 | 值 | 测试方法 |
| RTI Elec | | UL 746B |
| 0.38 mm | 65.0 °C | |
| 0.71 mm | 105 °C | |
| 1.5 mm | 105 °C | |
| 3.0 mm | 105 °C | |
| RTI Imp | | UL 746B |
| 0.38 mm | 65.0 °C | |
| 0.71 mm | 65.0 °C | |
| 1.5 mm | 75.0 °C | |
| 3.0 mm | 75.0 °C | |



| 热性能 | 值 | 测试方法 |
|--------------------|---------|------------|
| RTI | | UL 746B |
| 0.38 mm | 65.0 °C | |
| 0.71 mm | 80.0 °C | |
| 1.5 mm | 85.0 °C | |
| 3.0 mm | 85.0 °C | |
| 物理性能 | 值 | 测试方法 |
| Dimensional Change | 0.89 % | ASTM D1042 |
| Dimensional Change | 0.89 % | ISO 2796 |

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