



CELANESE INTERNATIONAL CORP

Nylon Business Line  
8040 Dixie Hwy  
Florence, KY 41042 United States



FRIANYL: B3 GF(d) V0, B 63 V0GV(d)(p)

Polyamide 6 (PA6), granular material

(d) - Represents a number 26 through 34 inclusive.

(p) - IPT 1.0 KV rating applies only for 30% glass filler level for the existing Polyamide 6 (PA6) "FRIANYL", furnished as granular material, Grade Designation B3 GF30 V0, B 63 V0GV30.

| 可燃性            | 值       | 测试方法                 |
|----------------|---------|----------------------|
| UL 阻燃等级        |         | UL 94                |
| 0.40 mm, BK    | V-0     | IEC 60695-11-10, -20 |
| 0.75 mm, ALL   | V-0     |                      |
| 1.5 mm, ALL    | V-0     |                      |
| 3.0 mm, ALL    | V-0     |                      |
| 灼热丝易燃指数        |         | IEC 60695-2-12       |
| 0.75 mm        | 960 °C  |                      |
| 1.5 mm         | 960 °C  |                      |
| 3.0 mm         | 960 °C  |                      |
| 热灯丝点火温度        |         | IEC 60695-2-13       |
| 0.75 mm        | 775 °C  |                      |
| 1.5 mm         | 800 °C  |                      |
| 3.0 mm         | 800 °C  |                      |
| 电气性能           | 值       | 测试方法                 |
| 热丝引燃 (HWI)     |         | UL 746A              |
| 0.40 mm        | PLC 0   |                      |
| 0.75 mm        | PLC 0   |                      |
| 1.5 mm         | PLC 0   |                      |
| 3.0 mm         | PLC 0   |                      |
| 高电弧燃烧指数(HAI)   |         | UL 746A              |
| 0.40 mm        | PLC 0   |                      |
| 0.75 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              |
| 热性能            | 值       | 测试方法                 |
| RTI Elec       |         | UL 746B              |
| 0.40 mm        | 65.0 °C |                      |
| 0.75 mm        | 120 °C  |                      |
| 1.5 mm         | 120 °C  |                      |
| 3.0 mm         | 120 °C  |                      |
| RTI Imp        |         | UL 746B              |
| 0.40 mm        | 65.0 °C |                      |
| 0.75 mm        | 100 °C  |                      |
| 1.5 mm         | 100 °C  |                      |
| 3.0 mm         | 100 °C  |                      |



| 热性能     | 值       | 测试方法    |
|---------|---------|---------|
| RTI     |         | UL 746B |
| 0.40 mm | 65.0 °C |         |
| 0.75 mm | 125 °C  |         |
| 1.5 mm  | 125 °C  |         |
| 3.0 mm  | 125 °C  |         |