



DSM ENGINEERING PLASTICS B V
URMONDERBAAN 22
GELEEN, 6167 RD Netherlands



Akulon: K224-HG(b)

Polyamide 6 (PA6), pellets, glass reinforced

(b) - May be replaced by any digit representing 31-49% glass fill range.

| 可燃性 | 值 | 测试方法 |
|-----------------------|-----------------|--------------------------|
| UL 阻燃等级 | | |
| 0.71 mm, ALL | HB | UL 94 |
| 1.5 mm, ALL | HB | UL 94 |
| 3.0 mm, ALL | HB | UL 94 |
| 3.0 mm, ALL | HB40 | IEC 60695-11-10, -20 |
| 0.71 mm, ALL | HB75 | IEC 60695-11-10, -20 |
| 1.5 mm, ALL | HB75 | IEC 60695-11-10, -20 |
| 电气性能 | 值 | 测试方法 |
| 热丝引燃 (HWI) | | UL 746 |
| 0.71 mm | PLC 3 | |
| 1.5 mm | PLC 1 | |
| 3.0 mm | PLC 0 | |
| 高电弧燃烧指数(HAI) | | UL 746 |
| 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 1 | UL 746 |
| 介电强度 | 15 kV/mm | ASTM D149 IEC 60243-1 |
| 高电压电弧起痕速率 (HVTR) | PLC 1 | UL 746 |
| 体积电阻率 | 1.0E+13 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 746 |
| 0.71 mm | 140 °C | |
| 1.5 mm | 140 °C | |
| 3.0 mm | 140 °C | |
| RTI Imp | | UL 746 |
| 0.71 mm | 120 °C | |
| 1.5 mm | 125 °C | |
| 3.0 mm | 130 °C | |
| RTI | | UL 746 |
| 0.71 mm | 140 °C | |
| 1.5 mm | 150 °C | |
| 3.0 mm | 150 °C | |
| 物理性能 | 值 | 测试方法 |
| Dimensional Stability | 0.50 % | ASTM D1042 ISO 2796 |