



Component - Plastics

File Number: E44716

SOLVAY ENGINEERING PLASTICS GBU

QUARTIER BELLE-ETOILE, AVE RAMBOZ, BOITE POSTALE 64, ST FONS CEDEX 69192 FR



Technyl: A 218 V(xx)

Polyamide 66 (PA66), pellets, glass reinforced

(xx) - Represents range of glass filling 1-34 percent.

NOTE - Materials designated "Technyl" may be prefixed by the letters "TY".

| Flammability | Value | Test Method |
|----------------------------------|---------|----------------------|
| Flame Rating | | |
| 0.8 mm, NC, BK | HB | UL 94 |
| 1.5 mm, NC, BK | HB | UL 94 |
| 3.0 mm, NC, BK | HB | UL 94 |
| 3.0 mm, NC, BK | HB40 | IEC 60695-11-10, -20 |
| 0.8 mm, NC, BK | HB75 | IEC 60695-11-10, -20 |
| 1.5 mm, NC, BK | HB75 | IEC 60695-11-10, -20 |
| Electrical | Value | Test Method |
| Hot-wire Ignition (HWI) | | UL 746 |
| 1.5 mm | PLC 4 | |
| 3.0 mm | PLC 3 | |
| High Amp Arc Ignition (HAI) | | UL 746 |
| 1.5 mm | PLC 0 | |
| 3.0 mm | PLC 0 | |
| Comparative Tracking Index (CTI) | PLC 1 | UL 746 |
| Thermal | Value | Test Method |
| RTI Elec | | UL 746 |
| 0.8 mm | 120 °C | |
| 1.5 mm | 120 °C | |
| 3.0 mm | 120 °C | |
| RTI Imp | | UL 746 |
| 0.8 mm | 75.0 °C | |
| 1.5 mm | 75.0 °C | |
| 3.0 mm | 95.0 °C | |
| RTI Str | | UL 746 |
| 0.8 mm | 90.0 °C | |
| 1.5 mm | 95.0 °C | |
| 3.0 mm | 95.0 °C | |

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