

| Processing/Physical Characteristics | Value  | Unit              | Test Standard   |
|-------------------------------------|--------|-------------------|-----------------|
| <b>ASTM Data</b>                    |        |                   |                 |
| Melt Flow Index, MFI                | 10     | g/10min           | ASTM D 1238     |
| Temperature                         | 300    | °C                | -               |
| Load                                | 1.2    | kg                | -               |
| Mold Shrinkage, MD                  | 0.0035 | mm/mm             | ASTM D 955      |
| <b>Mechanical properties</b>        |        |                   |                 |
| <b>ASTM Data</b>                    |        |                   |                 |
| Tensile Strength                    | 100    | MPa               | ASTM D 638      |
| Elongation at Break                 | 2      | %                 | ASTM D 638      |
| Flexural Modulus                    | 5500   | MPa               | ASTM D 790      |
| Flexural Strength                   | 135    | MPa               | ASTM D 790      |
| Izod Impact notched, 1/8 in         | 110    | J/m               | ASTM D 256      |
| <b>Thermal properties</b>           |        |                   |                 |
| <b>ISO Data</b>                     |        |                   |                 |
| Burning behav. at thickness h       | V-0    | class             | IEC 60695-11-10 |
| Thickness tested                    | 3.0    | mm                | -               |
| Burning behav. 5V at thickness h    | 5VA    | class             | IEC 60695-11-20 |
| Thickness tested                    | 3.0    | mm                | -               |
| <b>ASTM Data</b>                    |        |                   |                 |
| UL 94 Flame rating                  | V-0    | -                 | UL 94           |
| Thickness tested                    | 1.5    | mm                | -               |
| DTUL @ 66 psi                       | 149    | °C                | ASTM D 648      |
| DTUL @ 264 psi                      | 146    | °C                | ASTM D 648      |
| Vicat Temperature                   | 166    | °C                | ASTM D 1525     |
| <b>Other properties</b>             |        |                   |                 |
| Density                             | 1380   | kg/m <sup>3</sup> | ASTM D 792      |

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Delivery form**

Pellets

**Regional Availability**

North America