

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 37 | g/10min | ISO 1133 |
| Temperature | 300 | °C | - |
| Load | 1.2 | kg | - |
| ASTM Data | | | |
| Melt Flow Index, MFI | 37 | g/10min | ASTM D 1238 |
| Temperature | 300 | °C | - |
| Load | 1.2 | kg | - |
| Mold Shrinkage, MD | 0.007 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Modulus | 2413 | MPa | ASTM D 638 |
| Tensile Strength at Yield | 58.6 | MPa | ASTM D 638 |
| Elongation at Yield | 5.5 | % | ASTM D 638 |
| Elongation at Break | 85 | % | ASTM D 638 |
| Flexural Modulus | 2372 | MPa | ASTM D 790 |
| Flexural Strength | 90.3 | MPa | ASTM D 790 |
| Rockwell Hardness | R121 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 534 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 443 | J/m | ASTM D 256 |
| Temperature | -40 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|---|-------|-------|-----------------|
| ISO Data | | | |
| Coeff. of linear therm. expansion, parallel | 72 | E-6/K | ISO 11359-1/-2 |
| Burning behav. at 1.5 mm nom. thickn. | V-2 | class | IEC 60695-11-10 |
| Thickness tested | 1.5 | mm | - |
| Burning behav. at thickness h | V-2 | class | IEC 60695-11-10 |
| Thickness tested | 3.0 | mm | - |
| ASTM Data | | | |
| UL 94 Flame rating | V-2 | - | UL 94 |
| Thickness tested | 1.5 | mm | - |
| Coefficient of Thermal Expansion, MD | 72 | E-6/K | ASTM D 696 |
| DTUL @ 264 psi | 122 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|------------------------|-------|-------------------|----------------|
| Humidity absorption | 0.15 | % | Sim. to ISO 62 |
| Density | 1180 | kg/m ³ | ISO 1183 |
| Water Absorption, 24hr | 0.15 | % | ASTM D 570 |
| Density | 1180 | kg/m ³ | ASTM D 792 |

Characteristics

Processing

Injection Molding

Additives

Release agent

Regional Availability

North America