

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------|-------------------|-----------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.6 | % | ISO 294-4, 2577 |
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.006 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 15200 | MPa | ISO 527 |
| Tensile Strength | 105 | MPa | ISO 527 |
| Flexural modulus | 14300 | MPa | ISO 178 |
| Flexural strength | 115 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 60 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 29 | kJ/m ² | ISO 179/1eA |
| Rockwell hardness | R 110 | - | ISO 2039-2 |
| ASTM Data | | | |
| Tensile Modulus | 16000 | MPa | ASTM D 638 |
| Tensile Strength | 110 | MPa | ASTM D 638 |
| Flexural Modulus | 15000 | MPa | ASTM D 790 |
| Flexural Strength | 120 | MPa | ASTM D 790 |
| Rockwell Hardness | R 110 | - | ASTM D 785 |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 165 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 160 | °C | ISO 75-1/-2 |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| DTUL @ 264 psi | 160 | °C | ASTM D 648 |
| Melting Temperature | 165 | °C | ASTM D 3418 |
| Other properties | | | |
| Density | 1010 | kg/m ³ | ISO 1183 |
| Density | 1010 | kg/m ³ | ASTM D 792 |

Characteristics

Special Characteristics
High impact or impact modified

Features
Creep Resistance, Long fiber reinforced

Applications
Automotive

Regional Availability
North America, Asia Pacific