

Product Texts

This material is produced by Toray Plastics (Malaysia).

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 15 | g/10min | ISO 1133 |
| Temperature | 240 | °C | - |
| Load | 10 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Strength | 59 | MPa | ISO 527 |
| Strain at break | 50 | % | ISO 527 |
| Flexural modulus, 23°C | 2140 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 48 | kJ/m ² | ISO 179/1eA |
| Rockwell hardness | R 114 | - | ISO 2039-2 |
| ASTM Data | | | |
| Tensile Strength | 54 | MPa | ASTM D 638 |
| Elongation at Break | 50 | % | ASTM D 638 |
| Flexural Modulus | 2090 | MPa | ASTM D 790 |
| Rockwell Hardness | R 114 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 596 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 116 | °C | ISO 75-1/-2 |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Coefficient of Thermal Expansion, MD | 80 | E-6/K | ASTM D 696 |
| DTUL @ 264 psi | 120 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1150 | kg/m ³ | ISO 1183 |
| Density | 1150 | kg/m ³ | ASTM D 792 |

Characteristics

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa