

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 | 220 | °C | - |
| Load | 10 | kg | - |

Mechanical properties

| | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 2000 | MPa | ISO 527 |
| Yield stress | 43 | MPa | ISO 527 |
| Flexural modulus, 23°C | 1830 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 28 | kJ/m ² | ISO 179/1eA |

Thermal properties

| | Value | Unit | Test Standard |
|--|-------|------|---------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 78 | °C | ISO 75-1/-2 |

Other properties

| | Value | Unit | Test Standard |
|---------|-------|-------------------|---------------|
| Density | 1030 | kg/m ³ | ISO 1183 |

Characteristics**Regional Availability**

North America, Europe, Asia Pacific, South and Central America