

**Product Texts**

This material is produced by Toray Plastics (Malaysia).

**Processing/Physical Characteristics**

|                      | Value | Unit    | Test Standard |
|----------------------|-------|---------|---------------|
| <b>ISO Data</b>      |       |         |               |
| Melt flow index, MFI | 6     | g/10min | ISO 1133      |
| Temperature          | 220   | °C      | -             |
| Load                 | 10    | kg      | -             |

**Mechanical properties**

|                                       | Value | Unit              | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                       |       |                   |               |
| Tensile Strength                      | 53    | MPa               | ISO 527       |
| Strain at break                       | 10    | %                 | ISO 527       |
| Flexural modulus, 23°C                | 2360  | MPa               | ISO 178       |
| Charpy notched impact strength, +23°C | 16    | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Rockwell hardness                     | R 111 | -                 | ISO 2039-2    |
| <b>ASTM Data</b>                      |       |                   |               |
| Tensile Strength                      | 46    | MPa               | ASTM D 638    |
| Elongation at Break                   | 12    | %                 | ASTM D 638    |
| Flexural Modulus                      | 2300  | MPa               | ASTM D 790    |
| Rockwell Hardness                     | R 111 | -                 | ASTM D 785    |
| Izod Impact notched, Low-Temperature  | 98    | J/m               | ASTM D 256    |
| Temperature                           | -30   | °C                | -             |

**Thermal properties**

|  | Value | Unit | Test Standard |
|--|-------|------|---------------|
| <b>ISO Data</b>                          |       |      |               |
| Temp. of deflection under load, 1.80 MPa | 95    | °C   | ISO 75-1/-2   |
| <b>ASTM Data</b>                         |       |      |               |
| UL 94 Flame rating                       | HB    | -    | UL 94         |
| DTUL @ 264 psi                           | 98    | °C   | ASTM D 648    |

**Other properties**

|         | Value | Unit              | Test Standard |
|---------|-------|-------------------|---------------|
| Density | 1070  | kg/m <sup>3</sup> | ISO 1183      |
| Density | 1070  | kg/m <sup>3</sup> | ASTM D 792    |

**Characteristics****Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

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