

| Processing/Physical Characteristics      | Value | Unit              | Test Standard   |
|--|-------|-------------------|-----------------|
| <b>ISO Data</b>                          |       |                   |                 |
| Melt flow index, MFI                     | 5.3   | g/10min           | ISO 1133        |
| Temperature                              | 230   | °C                | -               |
| Load                                     | 3.8   | kg                | -               |
| <b>Mechanical properties</b>             |       |                   |                 |
| <b>ISO Data</b>                          |       |                   |                 |
| Tensile Modulus                          | 2300  | MPa               | ISO 527         |
| Stress at break                          | 53    | MPa               | ISO 527         |
| Strain at break                          | 42    | %                 | ISO 527         |
| Flexural modulus, 23°C                   | 2300  | MPa               | ISO 178         |
| Flexural strength                        | 85    | MPa               | ISO 178         |
| Charpy impact strength, +23°C            | 48    | kJ/m <sup>2</sup> | ISO 179/1eU     |
| Charpy notched impact strength, +23°C    | 2.5   | kJ/m <sup>2</sup> | ISO 179/1eA     |
| Rockwell hardness                        | M 72  | -                 | ISO 2039-2      |
| <b>Thermal properties</b>                |       |                   |                 |
| <b>ISO Data</b>                          |       |                   |                 |
| Temp. of deflection under load, 1.80 MPa | 95    | °C                | ISO 75-1/-2     |
| Vicat softening temperature, B           | 100   | °C                | ISO 306         |
| <b>Optical properties</b>                |       |                   |                 |
| <b>ISO Data</b>                          |       |                   |                 |
| Luminous transmittance                   | 91    | %                 | ISO 13468-1, -2 |
| <b>Other properties</b>                  |       |                   |                 |
| Water absorption                         | 0.3   | %                 | Sim. to ISO 62  |
| Density                                  | 1170  | kg/m <sup>3</sup> | ISO 1183        |

### Characteristics

#### Delivery form

Pellets

#### Regional Availability

North America

#### Special Characteristics

High impact or impact modified, Transparent