

| Mechanical properties                 | Value       | Unit              | Test Standard |
|---------------------------------------|-------------|-------------------|---------------|
| <b>ISO Data</b>                       |             |                   |               |
| Stress at break                       | <b>58</b>   | MPa               | ISO 527       |
| Strain at break                       | <b>23.4</b> | %                 | ISO 527       |
| Flexural modulus, 23°C                | <b>1360</b> | MPa               | ISO 178       |
| Flexural modulus                      | <b>3620</b> | MPa               | ISO 178       |
| Flexural modulus temperature          | <b>-30</b>  | °C                | -             |
| Charpy impact strength, +23°C         | <b>N</b>    | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy impact strength, -30°C         | <b>100</b>  | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy notched impact strength, +23°C | <b>70</b>   | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Charpy notched impact strength, -30°C | <b>20</b>   | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Abrasion resistance                   | <b>65</b>   | mm <sup>3</sup>   | ISO 4649      |
| Shore D hardness                      | <b>62</b>   | -                 | ISO 7619-1    |

| Thermal properties                       | Value      | Unit | Test Standard |
|--|------------|------|---------------|
| <b>ISO Data</b>                          |            |      |               |
| Temp. of deflection under load, 1.80 MPa | <b>130</b> | °C   | ISO 75-1/-2   |
| Temp. of deflection under load, 0.45 MPa | <b>162</b> | °C   | ISO 75-1/-2   |
| Vicat softening temperature, B           | <b>125</b> | °C   | ISO 306       |

| Other properties | Value       | Unit              | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density          | <b>1360</b> | kg/m <sup>3</sup> | ISO 1183      |

## Characteristics

### Processing

Injection Molding

### Features

Acoustical Barrier Properties, Thermal Stability

### Chemical Resistance

Oil Resistance

### Applications

Automotive, Sports Equipment

### Regional Availability

Europe