

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                            |              |             |                      |
| Melt flow index, MFI                       | <b>4.5</b>   | g/10min     | ISO 1133             |
| Temperature                                | <b>230</b>   | °C          | -                    |
| Load                                       | <b>5</b>     | kg          | -                    |

| <b>Mechanical properties</b>        | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------------------|--------------|-------------------|----------------------|
| <b>ISO Data</b>                     |              |                   |                      |
| Yield stress                        | <b>75</b>    | MPa               | ISO 527              |
| Yield strain                        | <b>6</b>     | %                 | ISO 527              |
| Flexural modulus, 23°C              | <b>6000</b>  | MPa               | ISO 178              |
| Flexural strength                   | <b>115</b>   | MPa               | ISO 178              |
| Izod notched impact strength, +23°C | <b>18</b>    | kJ/m <sup>2</sup> | ISO 180/1A           |
| Izod notched impact strength        | <b>17</b>    | kJ/m <sup>2</sup> | ISO 180/1A           |
| Temperature                         | <b>-30</b>   | °C                | -                    |

| <b>Thermal properties</b>                | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                          |              |             |                      |
| Temp. of deflection under load, 1.80 MPa | <b>155</b>   | °C          | ISO 75-1/-2          |
| Vicat softening temperature, B           | <b>135</b>   | °C          | ISO 306              |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1130</b>  | kg/m <sup>3</sup> | ISO 1183             |

| <b>Processing Recommendation Extrusion</b> | <b>Value</b>     | <b>Unit</b> | <b>Test Standard</b> |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature                   | <b>80</b>        | °C          | -                    |
| Pre-drying - Time                          | <b>2</b>         | h           | -                    |
| Processing humidity                        | <b>≤0.2</b>      | %           | -                    |
| Melt temperature                           | <b>200 - 280</b> | °C          | -                    |
| Mold temperature                           | <b>30 - 65</b>   | °C          | -                    |

**Characteristics**

**Processing**

Pipe/Tube Extrusion, Profile Extrusion, Blow Molding, Thermoforming

**Special Characteristics**

U.V. stabilized or stable to weather

**Features**

Chemically Coupled Reinforcement, Copolymer

**Chemical Resistance**

General Chemical Resistance

**Regional Availability**

North America, Europe, Asia Pacific