

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Stress at break | 70 | MPa | ISO 527 |
| Strain at break | 5.5 | % | ISO 527 |
| Flexural modulus, 23°C | 6300 | MPa | ISO 178 |
| Flexural strength | 110 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 20 | kJ/m ² | ISO 180/1A |

| Thermal properties | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 140 | °C | ISO 75-1/-2 |

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

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 80 - 120 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Processing humidity | ≤0.2 | % | - |
| Melt temperature | 200 - 270 | °C | - |
| Mold temperature | 20 - 90 | °C | - |

Characteristics

Processing

Pipe/Tube Extrusion, Blow Molding, Thermoforming

Regional Availability

North America, Europe, Asia Pacific

Features

Chemically Coupled Reinforcement, Thermal Stability, Copolymer