

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>8900</b>	MPa	ISO 527
Stress at break	<b>160</b>	MPa	ISO 527
Strain at break	<b>2</b>	%	ISO 527
Flexural modulus, 23°C	<b>8400</b>	MPa	ISO 178
Flexural strength	<b>230</b>	MPa	ISO 178
Izod impact strength, +23°C	<b>35</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>6.3</b>	kJ/m <sup>2</sup>	ISO 180/1A

<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>275</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>297</b>	°C	ISO 75-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1380</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>120</b>	°C	-
Pre-drying - Time	<b>4</b>	h	-
Processing humidity	<b>≤0.06</b>	%	-
Melt temperature	<b>320 - 345</b>	°C	-
Mold temperature	<b>150</b>	°C	-
Zone 1	<b>310 - 330</b>	°C	-
Zone 2	<b>315 - 330</b>	°C	-
Zone 3	<b>325 - 335</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Features**

Creep Resistance

**Chemical Resistance**

General Chemical Resistance, Hydrolytically Stable

**Certifications**

Food contact, Food approval 10/2011, Food approval FDA 21 CFR, RoHS compliant

**Regional Availability**

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