

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0018</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.0057</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	<b>15300</b>	MPa	ISO 527
Stress at break	<b>260</b>	MPa	ISO 527
Strain at break	<b>2.2</b>	%	ISO 527
Flexural modulus, 23°C	<b>14700</b>	MPa	ISO 178
Flexural strength	<b>360</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>81</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>10</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>297</b>	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	<b>1560</b>	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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>315 - 330</b>	°C	-
Zone 2	<b>320 - 340</b>	°C	-
Zone 3	<b>325 - 345</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Additives**

Lubricants

**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