

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	22000	MPa	ISO 527
Stress at break	230	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Flexural modulus, 23°C	20000	MPa	ISO 178
Flexural strength	330	MPa	ISO 178
Izod notched impact strength, +23°C	45	kJ/m <sup>2</sup>	ISO 180/1A

Other properties	Value	Unit	Test Standard
Humidity absorption	0.88	%	Sim. to ISO 62
Density	1900	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	0.5 - 1.5	h	-
Processing humidity	≤0.1	%	-
Melt temperature	270	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 280	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Special Characteristics

Sterilizable, Ethylene Oxide (EtO) Sterilization, Gamma irradiation sterilization, Electron beam (e-beam) sterilization

### Features

Creep Resistance, High Gloss, Tribologic Grade

### Chemical Resistance

General Chemical Resistance, Radiation Resistance

### Applications

Medical

### Regional Availability

North America, Europe, Asia Pacific, South and Central America