

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Charpy impact strength, +23°C	85	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	9.5	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	74	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	9	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Modulus	6200	MPa	ASTM D 638
Tensile Strength at Break	124	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	218	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1400	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	4	h	-
Mold temperature	177 - 204	°C	-
Zone 1	365	°C	-
Zone 2	371	°C	-
Zone 3	377	°C	-
Nozzle temperature	382	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Special Characteristics

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

### Features

Fatigue Resistance

### Chemical Resistance

Acid Resistance, Alkali Resistance, General Chemical Resistance, Oil Resistance

### Certifications

Medical Grade, Biocompatibility ISO 10993

### Applications

Chemical Process, Electrical and Electronical, Medical

### Regional Availability

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