

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	55	g/10min	ASTM D 1238
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	33	MPa	ASTM D 638
Elongation at Yield	9.5	%	ASTM D 638
Rockwell Hardness	R 103	-	ASTM D 785
Gardner Impact	35.5	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	37	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	105	°C	ASTM D 648
Melting Temperature	162	°C	ASTM D 3418
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze 1: 25 mil	8.5 <sup>[1]</sup>	%	ASTM D 1003
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Melt temperature	185 - 215	°C	-
Mold temperature	15 - 49	°C	-

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

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

**Features**

Homopolymer

**Chemical Resistance**

Radiation Resistance

**Certifications**

Food contact, Food approval FDA 21 CFR, Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved, Drug Master File, RoHS compliant

**Applications**

Medical

**Regional Availability**

North America