

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	27	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	27	MPa	ASTM D 638
Elongation at Yield	9.9	%	ASTM D 638
Flexural Modulus	1040	MPa	ASTM D 790
Rockwell Hardness	R 93	-	ASTM D 785
Gardner Impact	36	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	40	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	85	°C	ASTM D 648
Melting Temperature	148	°C	ASTM D 3418
Optical properties			
ASTM Data			
Haze 1: 25 mil	7.3 ^[1]	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	200 - 228	°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

Copolymer, Random Copolymer

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