

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	37	MPa	ASTM D 638
Elongation at Yield	9	%	ASTM D 638
Flexural Modulus	1030	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	50	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	86	°C	ASTM D 648
Melting Temperature	148	°C	ASTM D 3418

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze 1: 25 mil	3.7 ^[1]	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	200 - 228	°C	-
Mold temperature	15 - 49	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

Features

Copolymer, Random Copolymer

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