

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	39	g/10min	ISO 1133
Temperature	190	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at 100% elongation	1.3	MPa	ISO 527
Strain at break TPE	>300	%	ISO 527
Compression set at 23 °C, 24h	31	%	ISO 815
Compression set at 70 °C, 24h	80	%	ISO 815
Compression set at 100 °C, 24h	91	%	ISO 815
ASTM Data			
Shore A Hardness	49	-	ASTM D 2240

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	20 - 60	°C	-
Feed temperature	20 - 30	°C	-
Zone 1	140 - 210	°C	-
Nozzle temperature	180 - 220	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

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

Chemical Resistance

Oxidation Resistance, Radiation Resistance

Certifications

Medical Grade, Biocompatibility ISO 10993

Applications

Medical

Regional Availability

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