

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	475	MPa	ISO 527
Yield stress	17	MPa	ISO 527
Yield strain	18	%	ISO 527
Flexural modulus, 23°C	425	MPa	ISO 178
Charpy notched impact strength, +23°C	80	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	145	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	55	°C	ISO 75-1/-2

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	210 - 250	°C	-
Mold temperature	10 - 30	°C	-
Holding pressure	20 - 50	MPa	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	170 - 190	°C	-
Zone 1	170 - 200	°C	-
Nozzle temperature	180 - 200	°C	-

Characteristics

Processing

Injection Molding, Blow Molding

Special Characteristics

Transparent, Sterilizable, Steam sterilization

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, Medical Grade, US Pharmacopeia Class VI Approved, Device Master File

Applications

Medical, Packaging

Regional Availability

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