

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	28	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1900	MPa	ISO 527
Yield stress	40	MPa	ISO 527
Yield strain	7	%	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Charpy notched impact strength, +23°C	2	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	162	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Processing Recommendation Injection Molding			
Melt temperature	210 - 260	°C	-
Mold temperature	30 - 40	°C	-
Holding pressure	20 - 50	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

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

Features

Low Warpage, Homopolymer

Chemical Resistance

Oxidation Resistance

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