

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.9	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Flexural modulus, 23°C	750	MPa	ISO 178
Charpy notched impact strength, +23°C	7.9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	140	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	44	°C	ISO 75-1/-2
Optical properties			
ASTM Data			
Gloss	140	-	ASTM D 2457
Haze	1	%	ASTM D 1003
Film Properties			
ISO Data			
Tensile Modulus, parallel	400	MPa	ISO 527-3
Tensile Modulus, normal	400	MPa	ISO 527-3
Maximum strain, parallel	540	%	ISO 527-3
Maximum strain, normal	600	%	ISO 527-3
Dynamic coefficient of friction	0.7	-	ISO 8295
Type of extrusion	blown	-	-
Thickness of specimen	0.05	mm	-
Processing Recommendation Extrusion			
Melt temperature	180 - 220	°C	-
Zone 1	190 - 220	°C	-
Nozzle temperature	180 - 220	°C	-

Characteristics

Processing

Blown Film Extrusion, Film Extrusion, Blow Molding

Special Characteristics

High impact or impact modified, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

Features

Barrier Properties, Heat Sealable, High Gloss, Soft Feel, Copolymer, Random Copolymer

Certifications

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