

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	16	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.023	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	1.24	MPa	ASTM D 412
Modulus at 300% Elongation	0.69	MPa	ASTM D 412
Shore A Hardness	42	-	ASTM D 2240
Tear Strength	17.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	22	%	ASTM D 395
Tensile Strength at Break	3.47	MPa	ASTM D 412
Elongation at Break	580	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	920	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	188 - 210	°C	-
Mold temperature	21.1 - 32.2	°C	-
Zone 1	166 - 188	°C	-
Zone 2	182 - 199	°C	-
Zone 3	188 - 204	°C	-
Nozzle temperature	193 - 216	°C	-
Screw speed	75 - 125	rpm	-
Injection speed	25.4 - 127	mm/s	-
Back pressure	0 - 0.862	MPa	-
Holding pressure	0.414 - 1.24	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Transparent

Features

Soft Feel

Certifications

Food contact, US Pharmacopeia Class VI Approved

Applications

Medical

Regional Availability

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