

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.05	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	0.621	MPa	ASTM D 412
Modulus at 300% Elongation	0.63	MPa	ASTM D 412
Shore A Hardness	28	-	ASTM D 2240
Tear Strength	14	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	8	%	ASTM D 395
Tensile Strength at Break	5.52	MPa	ASTM D 412
Elongation at Break	660	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	890	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	15.6 - 37.8	°C	-
Zone 1	160 - 199	°C	-
Zone 2	171 - 210	°C	-
Zone 3	188 - 227	°C	-
Nozzle temperature	188 - 227	°C	-
Screw speed	25 - 75	rpm	-
Injection speed	25.4 - 127	mm/s	-
Back pressure	0 - 0.758	MPa	-
Holding pressure	0.931 - 2.07	MPa	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

Transparent

Features

Good Adhesion, Soft Feel

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR, US Pharmacopeia Class VI Approved

Applications

Automotive, Medical

Regional Availability

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