

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0175	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	0.85	MPa	ASTM D 412
Shore A Hardness	43	-	ASTM D 2240
Tear Strength	22.8	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	14	%	ASTM D 395
Tensile Strength at Break	5.36	MPa	ASTM D 412
Elongation at Break	640	%	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	149 - 188	°C	-
Zone 2	182 - 193	°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 - 0.827	MPa	-
Holding pressure	0.827 - 2.07	MPa	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

U.V. stabilized or stable to weather, Transparent

Features

Good Adhesion, Soft Feel

Chemical Resistance

Ozone Resistance

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