

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	5.79	MPa	ASTM D 412
Modulus at 300% Elongation	2.62	MPa	ASTM D 412
Shore A Hardness	84	-	ASTM D 2240
Tear Strength	43.8	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	18	%	ASTM D 395
Tensile Strength at Break	8.27	MPa	ASTM D 412
Elongation at Break	370	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	15.6 - 26.7	°C	-
Zone 1	132 - 171	°C	-
Zone 2	171 - 188	°C	-
Zone 3	188 - 207	°C	-
Nozzle temperature	188 - 207	°C	-
Screw speed	40 - 100	rpm	-
Injection speed	25.4 - 127	mm/s	-
Back pressure	0 - 1.03	MPa	-
Holding pressure	0.483 - 2.41	MPa	-

Characteristics

Processing

Injection Molding, Sheet Extrusion, Other Extrusion, Blow Molding

Delivery form

Pellets

Special Characteristics

U.V. stabilized or stable to weather, Transparent

Features

Good Adhesion, Soft Feel

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

Asia Pacific