

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0094	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0103	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Modulus	2500 / 850	MPa	ASTM D 638
Tensile Strength at Yield	77 / 38	MPa	ASTM D 638
Elongation at Break	37 / 200	%	ASTM D 638
Flexural Modulus	2504 / 630	MPa	ASTM D 790
Flexural Strength	105 / 33	MPa	ASTM D 790
Izod Impact notched, 1/8 in	37 / 320	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	133	°C	ASTM D 648
DTUL @ 264 psi	61	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1110	kg/m ³	ASTM D 792
Moisture Content	0.1	%	-

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus, MD	198	MPa	ASTM D 882
Tensile Modulus, TD	320	MPa	ASTM D 882
Tensile Strength at Yield, MD	22	MPa	ASTM D 882
Tensile Strength at Yield, TD	19	MPa	ASTM D 882
Tensile Strength at Break, MD	94	MPa	ASTM D 882
Tensile Strength at Break, TD	60	MPa	ASTM D 882
Elongation at Yield, MD	22	%	ASTM D 882
Elongation at Yield, TD	19	%	ASTM D 882
Elongation at Break, MD	710	%	ASTM D 882
Elongation at Break, TD	568	%	ASTM D 882

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Processing humidity	≤0.12	%	-
Melt temperature	250 - 260	°C	-
Zone 1	239 - 256	°C	-
Nozzle temperature	250 - 256	°C	-

Characteristics

Processing

Other Extrusion, Coating

Features

Barrier Properties, Good Adhesion, Low Neck-In, Low Warpage, Melt Strength, Copolymer

Chemical Resistance

General Chemical Resistance, Environmental Stress Crack Resistance

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America