

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2.6	g/10min	ASTM D 1238
Temperature	235	°C	-
Load	1	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	2650	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	220	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.6	%	ASTM D 570
Water Absorption, Equilibrium	9.5	%	ASTM D 570
Density	1130	kg/m ³	ASTM D 792
Moisture Content	0.08	%	-

Film Properties	Value	Unit	Test Standard
Other Standards^[5]			
Elmendorf Tear resistance, parallel	880	N	ASTM D 1922
Elmendorf Tear resistance, normal	950	N	ASTM D 1922

S: These properties are reported by the producer according standards that are different to our defaults.

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Melt temperature	260 - 270	°C	-
Zone 1	230 - 260	°C	-
Nozzle temperature	260	°C	-
Type of extrusion	blown	-	-
Pre-drying - Temperature	80	°C	-
Melt temperature	254 - 260	°C	-
Zone 1	246 - 254	°C	-
Nozzle temperature	254	°C	-

Characteristics

Processing

Blown Film Extrusion, Film Extrusion, Thermoforming

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Features

Nucleated, Homopolymer

Chemical Resistance

General Chemical Resistance

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR

Regional Availability

North America