

VENELENE® 11PG1

Linear Low Density Polyethylene
Poliolefinas Internacionales, C.A. (Polinter)

Message:

Features:
Excellent mechanical and optical properties.
High resistance (Hot Tack).
Applications:
General purpose film

General Information	
Additive	Processing aid
	Anti-caking agent
	Antioxidation
	slip agent
Features	Low density
	smoothness
	Anti-caking property
	Antioxidation
Uses	Films
	General
Forms	Particle
Processing Method	Blow film
	Blow molding
	Extrusion
	Extrusion blow molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Puncture Force	4.31	N	ASTM D3420
Tensile Strength			ASTM D882
MD: Fracture	35.0	MPa	ASTM D882
TD: Fracture	30.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	700	%	ASTM D882
TD: Fracture	800	%	ASTM D882

Elmendorf Tear Strength			ASTM D1922
MD	300	g	ASTM D1922
TD	450	g	ASTM D1922
Impact Resistance, Film	230	J/cm	ASTM D1709
Toughness, Film			ASTM D882
MD	120	MPa	ASTM D882
TD	135	MPa	ASTM D882
Optical	Nominal Value	Unit	Test Method
Transmittance	80.0	%	ASTM D1003
Haze	15	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	160 - 210	°C	
Extrusion instructions			

Inverted Extrusion profile (descendent).

Blow up ratio (BUR):2 - 3.

Die gap: 0.9 - 1.5 mm.

Frost line Height: 4 to 5 times Die diameter.

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