

VENELENE® 11PG4

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 Thickness - Tested	35	µm	
Film Puncture Force (35 µm)	4.31	N	ASTM D3420
Tensile Strength			ASTM D882
MD: Fracture, 35 µm	35.0	MPa	ASTM D882
TD: Fracture, 35 µm	30.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture, 35 µm	700	%	ASTM D882

TD: Fracture, 35 µm	800	%	ASTM D882
Elmendorf Tear Strength			ASTM D1922
MD : 35 µm	300	g	ASTM D1922
TD : 35 µm	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.

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

