

# VENELENÉ® 11E1

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

Message:

- Features:
- Excellent mechanical properties
  - Excellent processability
- Applications:
- Stretch films for parking manual And semi-industrial and health Care (diapers, sanitary napkins, etc)

General Information	
Additive	Processing aid Antioxidation
Features	Low density Antioxidation Workability, good
Uses	Hygiene Films Industrial application Consumer goods application field Medical/nursing supplies
Forms	Particle
Processing Method	Oriented Flat Film Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Film Puncture Force (50 µm)	5.49	N	ASTM D3420
Tensile Strength			ASTM D882
MD: Break, 50 µm	34.0	MPa	ASTM D882
TD: Break, 50 µm	28.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 50 µm	810	%	ASTM D882
TD: Break, 50 µm	970	%	ASTM D882
Elmendorf Tear Strength			ASTM D1922

MD : 50 μm	220	g	ASTM D1922
TD : 50 μm	530	g	ASTM D1922
Impact Resistance, Film	70.0	J/cm	ASTM D1709
Toughness, Film			ASTM D882
MD	140	MPa	ASTM D882
TD	150	MPa	ASTM D882
Extrusion	Nominal Value	Unit	
Melt Temperature	220 - 260	°C	
Extrusion instructions			

Blow up ratio: 0.7 - 1.0 mm.

Pulling speed: < 250 m/min

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#### Recommended distributors for this material

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