

# VENELENÉ® 11S1

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

Message:

Features:  
Excellent mechanical and optical properties.  
Good processability.  
Excellent Hot Tack resistance.

Applications:  
Stretch Films for Pallets and used to make some components of diapers, feminine hygiene and adult incontinence products.

General Information	
Additive	Processing aid Antioxidation
Features	Low density Antioxidation Workability, good
Uses	Hygiene Pallets Films
Forms	Particle
Processing Method	Extrusion Casting cast film

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	35	µm	
Film Puncture Force (35 µm)	9.71	N	ASTM D3420
Tensile Strength			ASTM D882
MD: Fracture, 35 µm	34.0	MPa	ASTM D882
TD: Fracture, 35 µm	31.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture, 35 µm	610	%	ASTM D882
TD: Fracture, 35 µm	710	%	ASTM D882
Elmendorf Tear Strength			ASTM D1922

MD : 35 μm	730	g	ASTM D1922
TD : 35 μm	970	g	ASTM D1922
Impact Resistance, Film	390	J/cm	ASTM D1709
Toughness, Film			ASTM D882
MD	100	MPa	ASTM D882
TD	110	MPa	ASTM D882
Optical	Nominal Value	Unit	Test Method
Transmittance (35.0 μm)	89.0	%	ASTM D1003
Haze (35.0 μm)	3.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	220 - 260	°C	
Extrusion instructions			

Die gap: 0.7 -1.0 mm.

Pulling speed:< 250 m/min

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#### Recommended distributors for this material

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