

# VENELENÉ® FA-0240

Low Density Polyethylene

Poliolefinas Internacionales, C.A. (Polinter)

Message:

Features:  
Excellent processability, transparency and shines.  
Applications:  
Automatic Packaging Film of 30-50 µm thickness.  
Heavy duty bags (<10 Kg).  
Supermarket and boutique bags.

General Information	
Additive	Anti-caking agent Antioxidation slip agent
Features	Low density smoothness Anti-caking property Antioxidation Workability, good Definition, high Excellent appearance
Uses	Packaging Films Bags Heavy packing bag
Forms	Particle
Processing Method	Film extrusion Blow molding Extrusion Extrusion blow molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.9	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Film Puncture Force (50 µm)	10.3	N	

Tensile Strength			ASTM D882
MD: Break, 50 µm	24.0	MPa	ASTM D882
TD: Break, 50 µm	15.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 50 µm	150	%	ASTM D882
TD: Break, 50 µm	500	%	ASTM D882
Elmendorf Tear Strength			ASTM D1922
MD : 50 µm	400	g	ASTM D1922
TD : 50 µm	150	g	ASTM D1922
Impact Resistance, Film	280	J/cm	ASTM D1709
Toughness, Film			ASTM D882
MD	30.0	MPa	ASTM D882
TD	54.0	MPa	ASTM D882
Optical	Nominal Value	Unit	Test Method
Transmittance (50.0 µm)	80.0	%	ASTM D1003
Haze (50.0 µm)	13	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	120 - 180	°C	
Extrusion instructions			

Blow up ratio (BUR): 2 - 3.

Die gap: 0.7 -1.0 mm.

Frost line Height: 4 -5 times die gap Diameter.

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#### Recommended distributors for this material

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