

VENELENÉ® FA-0238

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

Message:

Features:
Excellent processability.
Applications:
Industrial bags (< 10 kg.)
Merchandise bags

General Information	
Features	Low density Workability, good
Uses	Bags Industrial application
Forms	Particle
Processing Method	Film extrusion 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)	1.9	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Film Puncture Force (50 µm)	10.3	N	ASTM D3420
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 a 3.

Die gap: 0.7 - 1.0 mm.

Frost line Height: 4 -5 times Die gap 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

