

# VENELENÉ® FB-7000

Low Density Polyethylene

Poliolefinas Internacionales, C.A. (Polinter)

Message:

- Features:
- Excellent mechanical properties.
  - Good processability and good transparency.
- Applications:
- Heavy duty bags <(20 Kg).
  - Bags for Secondary packaging.
  - Garbage bags.
  - Technical film for agriculture.
  - Protecting cover film.
  - Flexible irrigation pipes.
  - High transparency of thermoshrinkable films.

General Information	
Features	Low density Workability, good Definition, high
Uses	Thermoforming Applications Packaging Films Protective coating Bags Piping system Irrigation application Agricultural application Heavy packing bag
Forms	Particle
Processing Method	Blow film Blow molding Extrusion Extrusion blow molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.922	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	100	µm	
Film Puncture Force (100 µm)	10.8	N	ASTM D3420

Tensile Strength			ASTM D882
MD: Break, 100 μm	23.0	MPa	ASTM D882
TD: Break, 100 μm	18.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 100 μm	200	%	ASTM D882
TD: Break, 100 μm	520	%	ASTM D882
Elmendorf Tear Strength			ASTM D1922
MD : 100 μm	400	g	ASTM D1922
TD : 100 μm	150	g	ASTM D1922
Impact Resistance, Film	290	J/cm	ASTM D1709
Toughness, Film			ASTM D882
MD	40.0	MPa	ASTM D882
TD	60.0	MPa	ASTM D882
Optical	Nominal Value	Unit	Test Method
Transmittance (100 μm)	78.0	%	ASTM D1003
Haze (100 μm)	17	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	160 - 210	°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.

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

