

Borealis PE FA7229

Low Density Polyethylene

Borealis AG

Message:

FA7229 is a Low Density Polyethylene for Film Extrusion. Autoclave Technology. Includes Antioxidant and Cling additive.
This grade is developed for production of blown cling film.
FA7229 contains antioxidant and antifog/cling additives.

General Information			
Additive	Anti-fog		
	Antioxidation		
Features	Anti-condensation		
	High adhesion		
	Antioxidation		
	High pressure heating resistance		
Uses	Films		
	Laminate		
	Mixing		
	Food packaging		
Forms	Particle		
Processing Method	Film extrusion		
	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	40	µm	
secant modulus			ASTM D882A
MD : 40 µm	200	MPa	ASTM D882A
TD : 40 µm	180	MPa	ASTM D882A
Tensile Strength			ISO 527-3
MD : 40 µm	24.0	MPa	ISO 527-3
TD : 40 µm	18.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
MD: Break, 40 µm	400	%	ISO 527-3
TD: Break, 40 µm	650	%	ISO 527-3

Dart Drop Impact (40 μm)	80	g	ISO 7765-1
Elmendorf Tear Strength			ISO 6383-2
MD : 40 μm	3.0	N	ISO 6383-2
TD : 40 μm	2.0	N	ISO 6383-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	111	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (40.0 μm)	110		ASTM D2457
Haze (40.0 μm)	6.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	140 - 180	°C	
Extrusion instructions			

Draw Down: 15 to 20μThe web tension should not exceed 1,5% for a 25 micron or thinner film.

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

