TAISOX 6334F

Low Density Polyethylene

Formosa Plastics Corporation

Message:

TAISOX 6334F is a low density polyethylene material. This product is available in North America, Europe or Asia Pacific.
The main features of TAISOX 6334F are:
Antiblock software
slide
Good processability
Typical application areas include:
Movie
application of coating

General Information			
Additive	High smoothness Moderate caking resistance		
Features	Low density High smoothness Workability, good General Moderate caking resistance		
Uses	Films Laminate General		
Appearance	Clear/transparent		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.924	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	53		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield	9.81	MPa	ASTM D638
Fracture	14.7	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	177	MPa	ASTM D790
Coefficient of Friction (Blown Film)	0.12		ASTM D1894
Films	**Nominal Value**	**Unit**	**Test Method**

Film Thickness - Tested	30	µm	
Film Thickness - Recommended / Available	1-3.1 mil (25-80 µ)		
secant modulus			ASTM D882
1% secant, MD: 30 µm, blown film	196	MPa	ASTM D882
1% secant, TD: 30 µm, blown film	226	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield, 30 µm, blown film	9.81	MPa	ASTM D882
TD: Yield, 30 µm, blown film	10.8	MPa	ASTM D882
MD: Broken, 30 µm, blown film	22.6	MPa	ASTM D882
TD: Broken, 30 µm, blown film	17.7	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 30 µm, blown film	280	%	ASTM D882
TD: Broken, 30 µm, blown film	580	%	ASTM D882
Dart Drop Impact (30 µm, Blown Film)	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 30 µm, blown film	240	g	ASTM D1922
TD: 30 µm, blown film	150	g	ASTM D1922
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	96.0	°C	ASTM D1525
Melting Temperature	113	°C	
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (45°, 30.0 µm, Blown Film)	95		ASTM D2457
Haze (30.0 µm, Blown Film)	6.5	%	ASTM D1003

Additional Information

Film extrusion preparation parameters:
Screw: 60 mm
L/D: 30
Blow up ratio: 2.5
Temperature160 to 200°C

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


WECHAT