SABIC® LDPE 2004TX37

Low Density Polyethylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC®LDPE 2004TX37 is a low density polyethylene product. It can be processed by blowing film and is available in Europe. SABIC®The application areas of LDPE 2004TX37 include packaging, film and food contact applications.
Features include:
odorless/tasteless channel
Antiblock software
slide
beautiful
Transparency

General Information			
Additive	Anti-caking agent (800 ppm) Sliding agent (800 ppm)		
Features	High smoothness High caking resistance Optical The smell is low to none The smell is low to none Definition, high		
Uses	Packaging Films		
Agency Ratings	EEC 2002/72/EC FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.921	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.7	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Coefficient of Friction (Blown Film)	0.20		ASTM D1894
Films	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus			ISO 527-3
MD: 25 µm, blown film	190	MPa	ISO 527-3
TD: 25 µm, blown film	190	MPa	ISO 527-3
Tensile Stress			ISO 527-3

MD: Yield, 25 µm, blown film	12.0	MPa	ISO 527-3
TD: Yield, 25 µm, blown film	11.0	MPa	ISO 527-3
MD: 25 µm, blown film	27.0	MPa	ISO 527-3
TD: 25 µm, blown film	15.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
MD: Broken, 25 µm, blown film	100	%	ISO 527-3
TD: Broken, 25 µm, blown film	> 450	%	ISO 527-3
Total Energy Impact (25 µm, Blown Film)	0.375	J	ASTM D4272
Elmendorf Tear Strength			ISO 6383-2
MD: 25 µm, blown film	2.0	N	ISO 6383-2
TD: 25 µm, blown film	0.75	N	ISO 6383-2

Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.0 µm, Blown Film)	53		ASTM D2457
Haze (25.0 µm, Blown Film)	9.5	%	ASTM D1003

Additional Information

25µm blown film processed with a blow up ratio of 3:1 and a die gap of 0.8 mm.Clarity, SABIC Method, Blown Film, 25µm: 23mVBlocking, SABIC Method, Blown Film: <5gRe-blocking, SABIC Method, Blown Film: 100g

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