

TITANEX® LF2023

Linear Low Density Polyethylene
Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANEX® LF2023 is a Linear Low Density Polyethylene material. It is available in Asia Pacific for blown film or cast film.

Important attributes of TITANEX® LF2023 are:

- Antiblock
- Antioxidant
- Butene Comonomer
- Good Toughness
- Typical applications include:
 - Film
 - Additive/Masterbatch
 - Bags/Liners
 - Industrial Applications
 - Packaging

General Information			
Additive	Antiblock		
	Antioxidant		
Features	Antiblocking		
	Antioxidant		
	Butene Comonomer		
	Good Drawdown		
	Good Toughness		
Uses	Blending		
	Cast Film		
	Film		
	Industrial Applications		
	Liners		
Forms	Pellets		
Processing Method	Blown Film		
	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	

Secant Modulus			ASTM D882
1% Secant, MD : 25 µm, Blown Film	167	MPa	
1% Secant, TD : 25 µm, Blown Film	196	MPa	
Tensile Strength			ASTM D882
MD : Break, 25 µm,Blown Film	34.3	MPa	
TD : Break, 25 µm,Blown Film	24.5	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm,Blown Film	500	%	
TD : Break, 25 µm,Blown Film	700	%	
Dart Drop Impact (25 µm, Blown Film)	88	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm, Blown Film	180	g	
TD : 25 µm, Blown Film	430	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.0 µm, Blown Film)	30		ASTM D2457
Haze (25.0 µm, Blown Film)	16	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 200	°C	

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