

# TITANZEX® HF8000

High Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

## Message:

TITANZEX® HF8000 is a High Density Polyethylene material. It is available in Asia Pacific for film extrusion.

Important attributes of TITANZEX® HF8000 are:

Good Processability

Impact Resistant

Typical applications include:

Bags/Liners

Film

Industrial Applications

General Information			
Features	Good Impact Resistance		
	Good Processability		
Uses	Film		
	Heavy-duty Bags		
	Industrial Applications		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.947	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.030	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	17	µm	ASTM D882
Secant Modulus			
1% Secant, MD : 17 µm, Blown Film	1370	MPa	
1% Secant, TD : 17 µm, Blown Film	1270	MPa	ASTM D882
Tensile Strength			
MD : Break, 17 µm, Blown Film	83.4	MPa	
TD : Break, 17 µm, Blown Film	53.9	MPa	ASTM D882
Tensile Elongation			
MD : Break, 17 µm, Blown Film	180	%	
TD : Break, 17 µm, Blown Film	600	%	ASTM D1709
Dart Drop Impact (17 µm, Blown Film)	260	g	
Elmendorf Tear Strength			
MD : 17 µm, Blown Film	5.1	g	ASTM D1922
TD : 17 µm, Blown Film	51	g	
Extrusion	Nominal Value	Unit	

Melt Temperature

180 to 240

°C

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#### Recommended distributors for this material

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