

TITANLENE® LDF 200YY

Low Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANLENE® LDF 200YY is a Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.

Typical applications include:

Bags/Liners

Film

Packaging

Wrap

General Information			
Uses	Bags		
	Film		
	Packaging		
	Shrink Wrap		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.922	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	30	µm	ASTM D882
Secant Modulus			
1% Secant, MD : 30 µm, Blown Film	206	MPa	
1% Secant, TD : 30 µm, Blown Film	226	MPa	ASTM D882
Tensile Strength			
MD : Break, 30 µm,Blown Film	26.5	MPa	
TD : Break, 30 µm,Blown Film	21.6	MPa	ASTM D882
Tensile Elongation			
MD : Break, 30 µm,Blown Film	310	%	
TD : Break, 30 µm,Blown Film	580	%	ASTM D1709
Dart Drop Impact (30 µm, Blown Film)	60	g	
Elmendorf Tear Strength			
MD : 30 µm, Blown Film	180	g	ASTM D1922
TD : 30 µm, Blown Film	120	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 30.0 µm, Blown Film)	10		ASTM D2457

Haze (30.0 μm, Blown Film)	7.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 180	°C	

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Recommended distributors for this material

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