

# TITANLENE® LDF 260DF

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

Message:

TITANLENE® LDF 260DF is a Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.  
Important attributes of TITANLENE® LDF 260DF are:  
Antiblock  
Good Processability  
Heat Stabilizer  
Typical application of TITANLENE® LDF 260DF: Film

General Information			
Additive	Antiblock (750 ppm) Heat Stabilizer		
Features	Good Drawdown Good Processability Heat Stabilized Low Antiblocking		
Uses	Film		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	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	186	MPa	
1% Secant, TD : 30 µm, Blown Film	206	MPa	ASTM D882
Tensile Strength			
MD : Break, 30 µm,Blown Film	19.6	MPa	
TD : Break, 30 µm,Blown Film	17.7	MPa	ASTM D882
Tensile Elongation			
MD : Break, 30 µm,Blown Film	250	%	
TD : Break, 30 µm,Blown Film	440	%	ASTM D1709
Dart Drop Impact (30 µm, Blown Film)	75	g	
Elmendorf Tear Strength			
MD : 30 µm, Blown Film	290	g	ASTM D1922
TD : 30 µm, Blown Film	120	g	

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	93.0	°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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