

# TITANLENE® LDF 266YZ

Low Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

## Message:

TITANLENE® LDF 266YZ is a Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.

Important attributes of TITANLENE® LDF 266YZ are:

Good Processability

Heat Stabilizer

Typical applications include:

Bags/Liners

Film

Sheet

Wrap

General Information			
Additive	Heat Stabilizer		
Features	Good Processability		
	Heat Stabilized		
	Low Density		
Uses	Film		
	Heavy-duty Bags		
	Microfoamed Sheet		
	Shrink Wrap		
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)	0.25	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	150	µm	ASTM D882
Secant Modulus			
1% Secant, MD : 150 µm, Blown Film	177	MPa	
1% Secant, TD : 150 µm, Blown Film	206	MPa	ASTM D882
Tensile Strength			
MD : Break, 150 µm,Blown Film	22.6	MPa	
TD : Break, 150 µm,Blown Film	18.6	MPa	ASTM D882
Tensile Elongation			
MD : Break, 150 µm,Blown Film	480	%	
TD : Break, 150 µm,Blown Film	570	%	ASTM D1709
Dart Drop Impact (150 µm, Blown Film)	600	g	

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ASTM D1525
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 190	°C	

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#### 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

