

# TITANLENE® LDF 606GG

Low Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANLENE® LDF 606GG is a Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.

Important attributes of TITANLENE® LDF 606GG are:

Antiblock

Heat Stabilizer

Slip

Typical applications include:

Agricultural

Bags/Liners

Film

Industrial Applications

General Information			
Additive	Antiblock (1000 ppm)		
	Heat Stabilizer		
	Slip (750 ppm)		
Features	Antiblocking		
	Heat Stabilized		
	Medium Slip		
Uses	Agricultural Applications		
	Film		
	Industrial Applications		
	Liners		
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)	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	177	MPa	
1% Secant, TD : 30 µm, Blown Film	206	MPa	ASTM D882
Tensile Strength			
MD : Break, 30 µm,Blown Film	25.5	MPa	
TD : Break, 30 µm,Blown Film	21.6	MPa	

Tensile Elongation			ASTM D882
MD : Break, 30 μm,Blown Film	300	%	
TD : Break, 30 μm,Blown Film	700	%	
Dart Drop Impact (30 μm, Blown Film)	60	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 30 μm, Blown Film	180	g	
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)	9.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 180	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### 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

