

TITANLENE® LDF 260JG

Low Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANLENE® LDF 260JG is a Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.

Important attributes of TITANLENE® LDF 260JG are:

- Antiblock
- Good Processability
- Heat Stabilizer
- Slip
- Typical applications include:
- Film
- Packaging

General Information			
Additive	Antiblock (1000 ppm) Heat Stabilizer Slip (1400 ppm)		
Features	Antiblocking Good Drawdown Good Processability Heat Stabilized High Slip		
Uses	Film Packaging		
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)	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	%	
Dart Drop Impact (30 μm, Blown Film)	75	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 30 μm, Blown Film	290	g	
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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