TITANLENE® LDF 204GH

Low Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANLENE® LDF 204GH is a Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.
Important attributes of TITANLENE® LDF 204GH are:
Antiblock
Clarity
Heat Stabilizer
Slip
Typical application of TITANLENE® LDF 204GH: Film

General Information			
Additive	Antiblock (1500 ppm) Heat Stabilizer Slip (750 ppm)		
Features	Heat Stabilized High Antiblocking High Clarity Medium Slip		
Uses	Film		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.924	g/cm³	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	
Secant Modulus			ASTM D882
1% Secant, MD : 30 µm, Blown Film	245	MPa	
1% Secant, TD : 30 µm, Blown Film	284	MPa	
Tensile Strength			ASTM D882
MD : Break, 30 µm,Blown Film	22.6	MPa	
TD : Break, 30 µm,Blown Film	19.6	MPa	
Tensile Elongation			ASTM D882
MD : Break, 30 µm,Blown Film	190	%	
TD : Break, 30 µm,Blown Film	500	%	
Dart Drop Impact (30 µm, Blown Film)	90	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922

MD : 30 µm, Blown Film	260	g	
TD : 30 µm, Blown Film	170	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°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)	5.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 180	°C	

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

WECHAT