

PRIMALENE WPP620Q

Linear Low Density Polyethylene

Southern Polymer, Inc.

Message:

A hexene linear low density polyethylene

Applications: - Agricultural film

Cast film

Diaper backsheet

Overwrap film

Features:

Barefoot

High strength and stiffness

Good tensile and puncture resistance

General Information			
Features	Hexene Comonomer		
	High Stiffness		
	High Strength		
	Low Density		
	Puncture Resistant		
Uses	Agricultural Applications		
	Cast Film		
	Consumer Applications		
	Film		
Physical	Nominal Value	Unit	Test Method
Density	0.942	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Puncture Energy	0.791	J	
Secant Modulus			ASTM D882
1% Secant, MD	381	MPa	
1% Secant, TD	430	MPa	
Tensile Strength			ASTM D882
MD : Yield	16.2	MPa	
TD : Yield	17.1	MPa	
MD : Break	50.5	MPa	
TD : Break	34.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	590	%	
TD : Break	830	%	

Dart Drop Impact	< 49	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	20	g	
TD	170	g	
Thermal	Nominal Value	Unit	
Peak Melting Temperature	127	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	82		ASTM D2457
Haze	3.4	%	ASTM D1003

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

