

PRIMALENE WPP673-01

Linear Low Density Polyethylene

Southern Polymer, Inc.

Message:

A 50 melt index butene linear low density polyethylene

Applications: - Freezer lids

Housewares

Closures and dispensers

Protective caps

Features:

Excellent toughness

Excellent tear resistance

General Information			
Features	Butene Comonomer		
	Good Tear Strength		
	Good Toughness		
	Low Density		
Uses	Caps		
	Closures		
	Household Goods		
	Lids		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	50	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	< 1.00	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.4	MPa	ASTM D638
Tensile Elongation (Break)	90	%	ASTM D638
Flexural Modulus - 1% Secant	270	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	91.7	°C	ASTM D1525
Peak Melting Temperature	123	°C	ASTM D3418

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