

PRIMALENE WPP653

Linear Low Density Polyethylene

Southern Polymer, Inc.

Message:

A 20 melt index butene linear low density polyethylene

Applications: - Housewares

Closures and dispensers

Protective caps

Features:

Outstanding toughness

Excellent tear resistance

General Information	
Features	Butene Comonomer
	Good Tear Strength
	Good Toughness
	Low Density
Uses	Caps
	Closures
	Household Goods

Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	< 1.00	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.2	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Flexural Modulus - 1% Secant	260	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525
Peak Melting Temperature	124	°C	ASTM D3418

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