

PRIMALENE WPP792P

High Density Polyethylene

Southern Polymer, Inc.

Message:

A film grade high density polyethylene

Applications:

Monofilament

Slit tape

Woven and knitted fabrics

Specialty films

Features:

Medium molecular weight

Narrow molecular weight distribution

Designed for high speed orientation

Excellent tensile strength

General Information			
Features	High Density		
	High Tensile Strength		
	Medium Molecular Weight		
	Narrow Molecular Weight Distribution		
Uses	Fabrics		
	Film		
	Monofilaments		
	Tape		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.957	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant	1100	MPa	ASTM D638
Tensile Strength ¹ (Yield)	28.6	MPa	ASTM D638
Tensile Elongation ² (Break)	> 750	%	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	129	°C	ASTM D3417
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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