

# PRIMALENE WPP790P

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

General Information			
Features	High Density		
	Medium Molecular Weight		
	Narrow Molecular Weight Distribution		
Uses	Fabrics		
	Film		
	Monofilaments		
	Tape		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.944	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.55	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant	689	MPa	ASTM D638
Tensile Strength <sup>1</sup> (Yield)	22.1	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	> 500	%	ASTM D638
Flexural Modulus	793	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	125	°C	ASTM D3417
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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