

PRIMALENE WPP391H

Polypropylene Impact Copolymer

Southern Polymer, Inc.

Message:

A fractional melt flow high impact copolymer polypropylene

Applications:

Under-the-hood and structural applications

Raffia/Tapes/Strapping

Film wrap

Food packaging film

Features:

Good heat aging resistance

Good impact resistance

Good low temperature melt strength

Good stiffness

General Information	
Features	Good Heat Aging Resistance
	Good Impact Resistance
	Good Melt Strength
	Good Stiffness
	High Impact Resistance
	Impact Copolymer
	Low Temperature Strength
Uses	Automotive Applications
	Automotive Under the Hood
	Film
	Food Packaging
	Food Service Applications
	Non-specific Food Applications
	Strapping
	Structural Parts
	Tape

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.45	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.6	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638

Flexural Modulus - 1% Secant ²	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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