

PRIMALENE WPP231H

Polypropylene Impact Copolymer

Southern Polymer, Inc.

Message:

A 10 melt flow medium impact copolymer

Applications:

Battery cases

Consumer products

Automotive parts

Features:

Excellent color and processing stability

Wet/dry environmental resistance

Enhanced weld-line strength

General Information			
Features	Good Colorability		
	Good Processing Stability		
	Good Weather Resistance		
	Medium Impact Resistance		
Uses	Automotive Applications		
	Battery Cases		
	Consumer Applications		
	Non-specific Food Applications		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.1	MPa	ASTM D638
Tensile Elongation ² (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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