

PRIMALENE WPP331

Polypropylene Impact Copolymer

Southern Polymer, Inc.

Message:

A 10 melt high impact copolymer polypropylene

Applications:

Automotive

Lawn and garden products

Appliances

Features:

Good mold flow

Excellent balance of stiffness and impact

FDA 21 CFR 177.1520

General Information			
Features	Food Contact Acceptable		
	Good Flow		
	High Impact Resistance		
Uses	Appliance Components		
	Appliances		
	Automotive Applications		
	Lawn and Garden Equipment		
Agency Ratings	FDA 21 CFR 177.1520		
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)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	19.7	MPa	ASTM D638
Tensile Elongation ² (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	965	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	91	J/m	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.0	°C	ASTM D648
NOTE			

1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min

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