

PRIMALENE WPP121W

Polypropylene Homopolymer

Southern Polymer, Inc.

Message:

A 4.0 melt flow homopolymer polypropylene

Applications:

Raffia Applications

Features:

Low water carryover

FDA 21 CFR 177.1520

General Information			
Features	Food Contact Acceptable		
	Homopolymer		
	Low Water Carryover		
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)	4.0	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)	33.1	MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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