

# PRIMALENE WPP161T

Polypropylene Homopolymer

Southern Polymer, Inc.

Message:

A 35 melt flow homopolymer polypropylene

Applications:

Caps and closures

Housewares

TWIM food containers

Features:

Good stiffness

Fast cycle time

Nucleation and antistat

FDA approved

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Food Contact Acceptable		
	Good Processability		
	Good Stiffness		
	Homopolymer		
	Nucleated		
Uses	Caps		
	Closures		
	Containers		
	Household Goods		
Agency Ratings		FDA Food Contact, Unspecified Rating	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	33.8	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	35	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	112	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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