

PRIMALENE WPP251

Polypropylene Impact Copolymer

Southern Polymer, Inc.

Message:

A 20 melt flow medium impact copolymer

Applications:

Housewares

Packaging

Features:

Fast cycle times

FDA 21 CFR 177.1520

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Medium Impact Resistance		
Uses	Consumer Applications		
	Household Goods		
	Non-specific Food Applications		
	Packaging		
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)	20	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)	23.9	MPa	ASTM D638
Tensile Elongation ² (Yield)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	140	J/m	ASTM D256
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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