

PRIMALENE WPP533

Low Density Polyethylene

Southern Polymer, Inc.

Message:

A 6.5 melt index low density polyethylene

Applications:

Compounding/Masterbatches

Food packaging

Houseware articles

Injection molding

Rigid medium sized molding

Features:

Good stiffness

Good toughness

Easy processability

Barefoot

FDA 21 CFR 177.1520 (c) 2.1

General Information			
Features	Good Processability		
	Good Stiffness		
	Good Toughness		
	Low Density		
Uses	Compounding		
	Food Packaging		
	Household Goods		
	Masterbatch		
Agency Ratings	FDA 21 CFR 177.1520(c) 2.1		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	46		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	220	MPa	ISO 527-2/1
Tensile Stress (Break)	10.0	MPa	ISO 527-2/1
Tensile Strain (Break)	120	%	ISO 527-2/1
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.8	°C	ISO 306
Peak Melting Temperature	111	°C	

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