

# PRIMALENE WPP702A

High Density Polyethylene

Southern Polymer, Inc.

Message:

A blow molding grade high density polyethylene

Applications:

Detergent bottles

Household and industrial chemical containers

Features:

Antistat

Excellent stiffness

Exceptional processability

FDA 21 CFR 177.1520

General Information			
Additive	Antistatic		
Features	Antistatic		
	Food Contact Acceptable		
	Good Processability		
	Good Stiffness		
	High Density		
Uses	Consumer Applications		
	Containers		
	Household Goods		
	Industrial Applications		
	Industrial Containers		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.955	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F50)	30.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	27.6	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	500	%	ASTM D638
Flexural Modulus - Tangent	1380	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -75.0	°C	ASTM D746
NOTE			

1.	51 mm/min
2.	51 mm/min

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