

PRIMALENE WPP702Z

High Density Polyethylene

Southern Polymer, Inc.

Message:

A blow molding grade high density polyethylene

Applications:

Injection blow molding

Features:

Zinc stearate

Excellent stiffness

Exceptional processability

FDA 21 CFR 177.1520 (c) 3.1 & 3.2a

General Information			
Additive	Mold Release 2		
Features	Food Contact Acceptable		
	Good Processability		
	Good Stiffness		
	High Density		
Uses	Food Service Applications		
	Non-specific Food Applications		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1		
	FDA 21 CFR 177.1520(c) 3.2a		
Processing Method	Blow Molding		
	Injection Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.955	g/cm ³	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)	35.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.6	MPa	ASTM D638
Tensile Elongation ² (Break)	600	%	ASTM D638
Flexural Modulus - Tangent	1450	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -75.0	°C	ASTM D746
NOTE			
1.	51 mm/min		

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