

# Bapolene® 0760

High Density Polyethylene

Bamberger Polymers, Inc.

## Message:

This resin is a high density polyethylene homopolymer for blow molding applications. It is recommended for applications that require high top load strength and good stiffness. This product meets 21CFR177.1520.

General Information			
Features	Food Contact Acceptable		
	Good Stiffness		
	Homopolymer		
Uses	Blown Containers		
	Containers		
	Food Containers		
	Fruit Juice Bottles		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal)	10.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	31.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	> 300	%	ASTM D638
Flexural Modulus - Tangent <sup>3</sup>	1550	MPa	ASTM D790
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	Method I (3 point load)		

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Recommended distributors for this material

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