

# Bapolene® 2040

High Density Polyethylene Copolymer

Bamberger Polymers, Inc.

## Message:

Bapolene 2040 is a copolymer high density polyethylene resin that offers superior modulus, toplead resistance and ESCR. It complies with US FDA 21CFR177.1520.

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	High ESCR (Stress Crack Resist.)		
	High Stiffness		
Uses	Containers		
	Toys		
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)	0.30	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal)	30.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790

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## Recommended distributors for this material

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