

# Bapolene® 3255

High Density Polyethylene

Bamberger Polymers, Inc.

## Message:

Narrow molecular weight distribution injection molding resin. This resin offers good impact strength, resistance to warpage, and stiffness. This product meets the Food and Drug Administration requirements of 21CFR177.1520.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Good Stiffness		
	Narrow Molecular Weight Distribution		
	Warp Resistant		
Uses	Crates		
	Pails		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection 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)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	30.0	MPa	ASTM D638
Flexural Modulus - Tangent <sup>2</sup>	1280	MPa	ASTM D790
NOTE			
1.	50 mm/min		
2.	Method I (3 point load)		

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## Recommended distributors for this material

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