

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 ³	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 ¹ (Yield)	30.0	MPa	ASTM D638
Flexural Modulus - Tangent ²	1280	MPa	ASTM D790
NOTE			
1.	50 mm/min		
2.	Method I (3 point load)		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

