

Bapolene® LD200B

Low Density Polyethylene

Bamberger Polymers, Inc.

Message:

Multipurpose extrusion/injection resin with excellent processability and good stiffness. This product meets FDA standards for food contact applications.

General Information	
Features	Food Contact Acceptable
	Good Processability
	Good Stiffness
Uses	Bottles
	Caps
	Closures
	Profiles
	Tubing
Agency Ratings	FDA Food Contact, Unspecified Rating
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	47		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	186	MPa	ASTM D638
Tensile Strength ¹ (Yield)	10.0	MPa	ASTM D638
Tensile Elongation ² (Break)	600	%	ASTM D638
Flexural Modulus - Tangent ³	180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256

NOTE	
1.	20 mm/min
2.	20 mm/min
3.	Method I (3 point load)

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