

# Bapolene® 4062

Polypropylene Homopolymer  
Bamberger Polymers, Inc.

Message:

Bapolene PP4062 is a high flow general purpose injection molding resin. This product meets FDA standards for food contact applications.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	Good Stiffness		
	High Flow		
	Homopolymer		
Uses	Caps		
	Closures		
	Food Containers		
	Furniture		
	Handles		
	Household Goods		
	Hypodermic Syringe Parts		
	Toys		
	Vials		
	Writing Instruments		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	99		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.8	MPa	ASTM D638
Tensile Elongation <sup>1</sup> (Yield)	11	%	ASTM D638
Flexural Modulus	1410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	101	°C	ASTM D648
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NOTE

1. 51 mm/min

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Recommended distributors for this material

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