

Bapolene® PP5063

Polypropylene Random Copolymer

Bamberger Polymers, Inc.

Message:

Bapolene PP5063 is a high clarity Natural PP Random Copolymer for injection molding. This resin exhibits excellent clarity and low temperature impact properties. This product meets FDA standards for food contact applications.

General Information			
Features	Food Contact Acceptable		
	High Clarity		
	Low Temperature Impact Resistance		
	Random Copolymer		
Uses	Food Containers		
	Household Goods		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	29.0	MPa	
Ultimate	27.6	MPa	
Tensile Elongation			ASTM D638
Yield ²	12	%	
Break ³	550	%	
Flexural Modulus - 1% Secant	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
NOTE			
1.	51 mm/min		

2.	3100 mm/min
3.	51 mm/min

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Recommended distributors for this material

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