

## Bapolene® PP5061 Polypropylene, Injection Grade

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### Material Notes:

Bapolene PP5061 is a PP Random Copolymer for injection molding. This resin exhibits good clarity and impact properties. This product meets FDA standards for food contact applications. Applications: Housewares, cassette cases, food containers. Bapolene® and Bapolan® are registered trademarks of Bamberger Polymers, Inc. Information provided by Bamberger Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Bapolene-PP5061-Polypropylene-Injection-Grade.php](http://www.lookpolymers.com/polymer_Bapolene-PP5061-Polypropylene-Injection-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	78	78	ASTM D-785
Tensile Strength, Ultimate	24.1 MPa	3500 psi	2 in/min (50 mm/min); ASTM D-638
Tensile Strength, Yield	24.8 MPa	3600 psi	2 in/min (50 mm/min); ASTM D-638
Elongation at Break	550 %	550 %	2 in/min (50 mm/min); ASTM D-638
Elongation at Yield	11 %	11 %	2 in/min (20 mm/min); ASTM D-638
Flexural Modulus	1.17 GPa	170 ksi	Secant @ 1% strain; ASTM D-790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	88.0 °C	190 °F	ASTM D648

Descriptive Properties	Value	Comments
Process	Injection Molding	
Region	Europe/Turkey	Bamberger Polymers Distribution
	International	Bamberger Polymers Distribution
	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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