

## M. Holland Company PP500 Polypropylene Homopolymer

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

**Material Notes:**

Features: Homopolymer, Narrow Molecular Wt. Dist. Uses: Disposable Drinkware, Medical Applications, Packaging Approvals: FDA 21 CFR

177.1520 Processing Method: Injection Molding Information provided by M. Holland.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_M-Holland-Company-PP500-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_M-Holland-Company-PP500-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	22 g/10 min @Load 2.16 kg, Temperature 230 °C	22 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	35.2 MPa	5100 psi	2 in/min; ASTM D638
Elongation at Break	12 %	12 %	2 in/min; ASTM D638
Flexural Modulus	1.34 GPa	195 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	0.125 in; ASTM D256

Descriptive Properties	Value	Comments
Form	Pellets	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China