

## M. Holland Company PP210 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Antistatic Homopolymer Odor-low to none Good processing stability Taste-low to none Applications: Drinking straws

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_M-Holland-Company-PP210-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_M-Holland-Company-PP210-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	5.0 g/10 min @Load 2.16 kg, Temperature 230 °C	5.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.9 MPa	5200 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus	1.52 GPa	220 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	73°F; ASTM D256

Descriptive Properties	Value	Comments
Characteristics	Antistatic	
Forms	Pellets	
Processing Methods	Extrusion	

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