

## Zhejiang Juner PP8 PP For Automotive Parts

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

**Material Notes:**

Applications: Air Conditioning System Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Zhejiang-Juner-PP8-PP-For-Automotive-Parts.php](http://www.lookpolymers.com/polymer_Zhejiang-Juner-PP8-PP-For-Automotive-Parts.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	GB/1033
Linear Mold Shrinkage	0.0080 - 0.011 cm/cm	0.0080 - 0.011 in/in	GB/15585
Melt Flow	0.80 - 1.1 g/10 min	0.80 - 1.1 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.0 MPa	4790 psi	GB/1040
Flexural Strength	50.0 MPa	7250 psi	GB/9341
Charpy Impact Unnotched	0.300 J/cm <sup>2</sup>	1.43 ft-lb/in <sup>2</sup>	ISO179-1:2000
Charpy Impact, Notched	0.400 J/cm <sup>2</sup>	1.90 ft-lb/in <sup>2</sup>	ISO179-1:2000

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	GB1634

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+18 ohm-cm	1.00e+18 ohm-cm	D257

Processing Properties	Metric	English	Comments
Processing Temperature	170 - 240 °C	338 - 464 °F	
Mold Temperature	40.0 - 80.0 °C	104 - 176 °F	
Injection Pressure	30.0 - 90.0 MPa	4350 - 13100 psi	

Descriptive Properties	Value	Comments
Speed of Shoot, %	35-85	

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