

## Pasargad Polymer Peyvand Pasamid 3P-M1000W Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

**Material Notes:**

Form: Pellets Processing Method: Injection Molding Uses: Automotive Application Furniture Appliance Components Electrical Parts Fastener Housing Information provided by Pasargad Polymer Peyvand Co

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pasargad-Polymer-Peyvand-Pasamid-3P-M1000W-Nylon-6.php](http://www.lookpolymers.com/polymer_Pasargad-Polymer-Peyvand-Pasamid-3P-M1000W-Nylon-6.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	ISO 527-2
Elongation at Break	>= 30 %	>= 30 %	ISO 527-2
Tensile Modulus	3.20 GPa	464 ksi	ISO 527-2
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	2.20 J/cm <sup>2</sup>	10.5 ft-lb/in <sup>2</sup>	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 11357-3
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	Unannealed; ISO 75-2/C

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	230 - 250 °C	446 - 482 °F	
Drying Temperature	90.0 °C	194 °F	
Dry Time	2.00 - 4.00 hour	2.00 - 4.00 hour	

Descriptive Properties	Value	Comments
Color	White	

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