

## Pasargad Polymer Peyvand Pasamid 3P-H1135B Nylon 6, 35% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 40% Glass Fiber Filled

**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-H1135B-Nylon-6-35-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_Pasargad-Polymer-Peyvand-Pasamid-3P-H1135B-Nylon-6-35-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	ISO 527-2
Elongation at Break	3.0 %	3.0 %	ISO 527-2
Tensile Modulus	9.50 GPa	1380 ksi	ISO 527-2
Charpy Impact Unnotched	8.50 J/cm <sup>2</sup>	40.4 ft-lb/in <sup>2</sup>	ISO 179/1eU
Charpy Impact, Notched	1.20 J/cm <sup>2</sup>	5.71 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)	215 °C	419 °F	Unannealed; ISO 75-2/C

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	235 - 275 °C	455 - 527 °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	Black	

**Contact Songhan Plastic Technology Co.,Ltd.**

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