



# PASARGAD POLYMER PEYVAND CO

**Grade :** Pasamid 3P-H2150B

## General

Manufacturer / Supplier	Pasargad Polymer Peyvand Co.(3P)
Generic Symbol	Polyamide 66 (Nylon 66)
Filler / Reinforcement	Reinforced by 50% Glass Fiber
Color	Black
Forms	Pellets
Processing Method	Injection Molding
Uses	Automotive Application Furniture Appliance Components Electrical Parts Fastener Housing

Physical		Unit	Value
Density	ISO 1183	g/cm3	1.55

Mechanical	Test Method	Unit	Value
Tensile Modulus	ISO 527-2	Mpa	12000
Tensile Stress (Break)	ISO 527-2	Mpa	180
Tensile Strain (Break)	ISO 527-2	%	2

Impact	Test Method	Unit	Value
Charpy Notched Impact Strength 23 oC	ISO 179/1eA	KJ/m2	15
Charpy Unnotched Impact Strength 23 oC	ISO 179/1eU	KJ/m2	100

Thermal	Test Method	Unit	Value
Heat Deflection Temperature 1.8 Mpa, Unannealed	ISO 75-2/C	oC	250
Melting Temperature	ISO 11357-3	oC	260

Injection	Nominal Value	Unit
Drying Temperature	90	
Drying Time	2-4 hr	
Rear Temperature	235-275	

## Pasargad Polymer Peyvand

Office : 3rd section , No.32 , Mohamadi Alley , Golbar St., Tohid Sq., Tehran,Iran  
Tel/Fax : +98-21-66565991/3  
Factory : No.F21 , Kosar Industrial Area , Eshtehard-Maahdasht Road , Alborz , Iran  
Tel/Fax : +98-263-7360980/3