



PASARGAD POLYMER PEYVAND CO

Grade : Pasadur 3P-H8130B

General

Manufacturer / Supplier	Pasargad Polymer Peyvand Co.(3P)
Generic Symbol	Polybutylene terephthalate (PBT)
Filler / Reinforcement	reinforced by 30% Glass Fiber
Color	Black
Forms	Pellets
Processing Method	Injection Molding
Uses	Automotive Application Furniture Appliance Components Automotive Exterior Parts Automotive Interior Parts

Physical		Unit	Value	
Density	ISO 1183	g/cm ³	1.45	---
Melt Mass-Flow Rate (MFR) (230oC/2.16 kg)	ISO 1183	gr/10 min		

Mechanical	Test Method	Unit	Value
Tensile Modulus	ISO 527-2	Mpa	7000
Tensile Stress (Break)	ISO 527-2	Mpa	95
Tensile Strain (Break)	ISO 527-2	%	6

Impact	Test Method	Unit	Value
Charpy Notched Impact Strength 23 oC	ISO 179/1eA	KJ/m ²	8
Charpy Unnotched Impact Strength 23 oC	ISO 179/1eU	KJ/m ²	52

Thermal	Test Method	Unit	Value
Heat Deflection Temperature 1.8 Mpa, Unannealed	ISO 75-2/C	oC	201
Melting Temperature	ISO 11357-3	oC	240

Injection	Nominal Value	Unit
Drying Temperature	60	
Drying Time	1 hr	
Rear Temperature	260	

Pasargad Polymer Peyvand

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