

Technical Data Sheet

P30GN-C75

Copolymer Polypropylene Reinforced with Glass Fiber

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

P30GN-C75 is virgin copolymer polypropylene reinforced with 30% glass fiber. It provides high mechanical properties, stiffness, good impact resistance, surface hardness, better dimension stability, good thermal and chemical resistance. This compound is used in appliance industry, automotive applications, housewares and other utility products. This grade is designed to be processed in conventional injection molding techniques.

General Properties

Material Status	•Commercial: Active
Forms	•Pellets
Processing Method	•Injection molding
Color	•Natural

Physical Properties	Value	Unit	Test Method
Density	1.2	gr/cm ³	ISO 1183
Mechanical Properties	Value	Unit	Test Method
Tensile Strength@Break	65	MPa	ISO 527
Elongation@Break	6	%	ISO 527
Flexural Strength	92	MPa	ASTM D790
Flexural Modulus	4500	MPa	ASTM D790
Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	18	kJ/m ²	ISO 180
Notched charpy Impact (23°C)	kJ/m ²	ISO 179
Hardness	Value	Unit	Test Method
Durometer Hardness	70	Shore D	ASTM D2240

◆ Values shown are average & are not to be considered as product specifications.

Web-site: www.npolymer.com

Address: Abbas abad Industrial Zone-Tehran-Iran

E-mail: Sales@npolymer.com

Tel: (+9821)36425174-7 Fax: (+9821)36425178