

## Technical Data Sheet

### P30GN-C70

Copolymer Polypropylene Reinforced with Glass Fiber

## Nirumand Polymer



Nirumand Polymer Co.  
Filled & Reinforced Engineering Plastics

#### Product Description

P30GN-C70 is virgin copolymer polypropylene reinforced with 30% glass fiber. It provides high mechanical properties, stiffness, good impact resistance, surface hardness, better dimension stability, good heat and chemical resistance. This compound is used in appliance industry, automotive applications, electrical goods, 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	1.1	gr/cm <sup>3</sup>	ISO 1183
Mechanical Properties	Value	Unit	Test Method
Tensile Strength@Break	70	Mpa	ISO 527
Elongation@Break	5.5	%	ISO 527
Elastic Modulus	.....	Mpa	ISO 527
Flexural Modulus	4300	Mpa	ASTM D790
Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	12	kJ/m <sup>2</sup>	ISO 180
Notched charpy Impact (23°C)	.....	kJ/m <sup>2</sup>	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.

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