

Technical Data Sheet

66A30GB-736R

Polyamide 66 Reinforced with Glass Fiber

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

66A30GB-736R is Polyamide 66 reinforced with 30% glass fiber. It provides high mechanical properties, stiffness, surface hardness, better dimensional stability, good heat and chemical resistance. This compound is used in home 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	• Black

Physical Properties	Value	Unit	Test Method
Density	1.25	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	...	gr/10 min	ISO 1133
Shrinkage	<0.2	%	ASTM D955

Mechanical Properties	Value	Unit	Test Method
Tensile Strength@yield	≥ 110	Mpa	ISO 527
Tensile Strength@Break	≥ 110	Mpa	ISO 527
Elongation @Break	4	%	ISO 527
Elastic Modulus	Mpa	ISO 527
Flexural Modulus	≥ 6500	Mpa	ISO 178

Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	≥ 6	kJ/m ²	ISO 180
Notched charpy Impact (23°C)	kJ/m ²	ISO 179

Hardness	Value	Unit	Test Method
Durometer Hardness	82	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)35000234 Fax: (+9821)43850755