

Technical Data Sheet

6A30GN-A35-636

Polyamide 6 Alloy Reinforced with Glass Fiber

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

6A30GN-A35-636 is polyamide 6 alloy reinforced with 30% glass fiber. It provides a combination of high mechanical properties, stiffness and thermal resistance. This product is used in automotive applications and other utility products. This grade is designed to be processed in conventional injection molding process.

General Properties

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

Physical Properties	Value	Unit	Test Method
Density	1.3	gr/cm ³	ISO 1183
Shrinkage	%	Internal
Mechanical Properties	Value	Unit	Test Method
Tensile Strength @ Yield	100	MPa	ISO 527
Elongation @ Break	5	%	ISO 527
Flexural Modulus	6500	MPa	ASTM D790
Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	8	kJ/m ²	ISO 180
Hardness	Value	Unit	Test Method
Durometer Hardness	Shore D	ASTM D2240

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

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