

Technical Data Sheet

66AN-115

Polyamide 66

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

66AN-115 is polyamide 66 resin offering superior mechanical properties, stiffness and thermal resistance. This product is used in automotive applications, electrical goods, home appliance industry 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	1.11	gr/cm ³	ISO 1183
Shrinkage	1.7-1.8	%	Internal

Mechanical Properties	Value	Unit	Test Method
Tensile Strength @ Yield	80	MPa	ISO 527
Tensile Strength @ Break	...	MPa	ISO 527
Elongation @ Break	≥ 25	%	ISO 527
Flexural Modulus	2300	MPa	ASTM D790

Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	3	kJ/m ²	ISO 180

Hardness	Value	Unit	Test Method
Durometer Hardness	80	Shore D	ASTM D2240

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

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