

FORMPOLY N66GF15

(15%Glass Fibre Reinforced Nylon66)

GENERAL

FPL offers a range of Nylon66 grades from unfilled, glass fibre reinforced; mineral reinforced to flame retardant including **FORMPOLY N66GF15**, which is Glass fibre reinforced, lubricated Nylon 66 with good mechanical and thermal properties.

FORMPOLY N66GF15

Increased toughness.
Lubricated and heat stabilized
High mechanical properties
Excellent dimensional stability
Low Moisture absorption

PRE-DRYING

FPL grades can normally be taken for direct processing. However, in case the material is exposed to atmosphere, it is advisable to pre-dry the material at 100°C for 2 to 3 hours for good surface finish.

PACKING

FORMPOLY N66GF15 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Holder/ Washer
Terminal Block
Rollers/Propeller
Chair base
Coil former

Property	ASTM Method	Unit	Value
Tensile Stress	D638	Mpa.	110
Elongation at Break	D638	%	4
Flexural Stress	D790	Mpa.	145
Flexural Modulus	D790	Mpa.	4300
Izod Impact Strength Notched	D256	Kg Cm/ Cm	7
Heat Deflection Temp			
- at 4.6 Kg / Cm ² load	D646	°C	200
- at 18.5 Kg / Cm ² load			170
Specific Gravity	D792	-	1.24
Shrinkage	D955	%	0.2-0.6
Volume Resistivity	D-257	Ohms-cm	10E15
Surface Resistivity	D-257	Ohms	10E14

Conditioned test specimen. All results are measured under Dry-as-moulded natural test specimen
Pigmented grades would record lower mechanical properties as permitted by ASTM D-4066

The information present here is for general guidance. It is given in good faith but no warrant is attached

FORMULATED POLYMERS LIMITED

Manufacturers of Engineering Plastics Compounds

Ph: +91-44-26811236,7:: Fax:2681 1275 E Mail: formpoly@vsnl.com URL: www.formulatedpolymers.com
HO & Works: 59, SIDCO Industrial Estate, Thirumazhisai, Chennai - 602 124 India



A ISO/TS 16949, ISO 9001 & ISO 14001 certified Firm