

FORMPOLY N66MF15 (15%Mineral Reinforced Nylon66)

GENERAL

FPL offers a range of Nylon66 grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY N66MF15**, which is heat stabilized, lubricated mineral Reinforced Nylon 66 with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY N66MF15

Low warping
High heat resistance
Moderate mechanical properties
Excellent dimensional stability
Easy paintable

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 N66MF15 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Automotive parts
Wheel covers
MCB housing
Lamp housing
Handle

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	80
Elongation at Break	D638	%	10
Flexural Stress	D790	MPa.	125
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	175
- at 18.5 Kg / Cm ² load			110
Specific Gravity	D792	-	1.23
Shrinkage	D955	%	0.7-0.8
Volume Resistivity	D-257	Ohms-cm	10 ¹⁴
Surface Resistivity	D-257	Ohms	10 ¹³

Conditioned test specimen. All results are measured under Dry-as-moulded natural test specimen

Coloured grades would record slightly 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 - 600 124 India



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