

# FORMPOLY N66MS30 STEEL GREY (MoS2 LUBRICATED NYLON66- HEAT STABILIZED)

**GENERAL**

FPL offers a wide range of Nylon66 grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY N66MS30** which is easy flow and low melt viscosity primarily intended for Injection moulding, with enhanced tribological properties for unlubricated systems.

**FORMPOLY N66MS30**

- MOS2 Lubricated
- Excellent abrasion resistance.
- Easy flow and Fast solidification.
- High Wear resistance
- Excellent finish and Gloss
- Easy processability

**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 N66MS30** is supplied in 25 Kg dry, ready to mould, in sealed bags to prevent the uptake of moisture.

**APPLICATION**

- Sleeves
- Actuators
- Clutch parts
- Moving parts
- Chain links

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	75
Elongation at Break	D638	%	30
Flexural Stress	D790	MPa.	110
Flexural Modulus	D790	MPa.	2800
Izod Impact Strength Notched	D256	Kg Cm/ Cm	5
Heat Deflection Temp			
- at 4.6 Kg / Cm2 load	D646	°C	155
- at 18.5 Kg / Cm2 load			70
Specific Gravity	D792	-	1.14
Shrinkage	D955	%	1.5-1.8
Volume Resistivity	D-257	Ohms-cm	10 <sup>15</sup>
Surface Resistivity	D-257	Ohms	10 <sup>14</sup>

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

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