

FORMPOLY N66MS30FRV0

(MoS2 LUBRICATED NYLON66- HEAT STABILIZED FR GRADE)

GENERAL

FPL offers a wide range of Nylon66 grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **N66MS30FRV0** which is easy flow and low melt viscosity primarily intended for Injection moulding.

FORMPOLY N66MS30FRV0

MoS2 Lubricated
Meeting UL-94 V0 rating
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 N66MS30FRV0 is supplied in 25 Kgs. 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	6
Heat Deflection Temp			
- at 4.6 Kg / Cm2 load	D646	°C	150
- at 18.5 Kg / Cm2 load			75
Specific Gravity	D792	-	1.14
Shrinkage	D955	%	1.5-1.8
Volume Resistivity	D-257	Ohms-cm	10E15
Surface Resistivity	D-257	Ohms	10E14
Flammability @ 0.9mm	UL 94	V0	V0

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

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