

# FORMPOLY N66GP30ST (UNFILLED NYLON66- HIGH STIFFNESS)

## GENERAL

FPL offers a wide range of Nylon66 grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including N66GP30ST which is easy flow and low melt viscosity and high impact strength.

## FORMPOLY N66GP30ST

High Stiffness.  
Good Impact Strength  
Available in variable colours  
Easy flow fast solidification  
Fine crystalline structure

## 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 N66GP30ST is supplied in 25 Kgs. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

## APPLICATION

Locknut fasteners  
Motor insulation parts  
Terminals/Connectors  
Electrical Knobs  
Fuse Box

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	50
Elongation at Break	D638	%	45
Flexural Stress	D790	MPa.	70
Flexural Modulus	D790	MPa.	1275
Izod Impact Strength Notched	D256	Kg cm/cm	65
Heat Deflection Temp - at 18.5 Kg/cm <sup>2</sup> load	D648	°C	70
Specific Gravity	D792	-	1.05-1.11

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

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