

FORMPOLY® N66GF30HSLR

(30% Glass Fibre Reinforced Nylon66–Glycol Resistant)

GENERAL

FPL offers a range of Nylon66 grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® N66GF30HSLR**, which is heat stabilized, lubricated Glass Fibre Reinforced Nylon 66 with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY® N66GF30HSLR

High heat and Glycol resistant
Excellent chemical resistance
Good gloss and surface finish
Excellent dimensional stability
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® N66GF30HSLR is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

High heat automotive applications
Radiation fans
Radiator shroud
Switch assembly
Coil former

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	180
Elongation at Break	D638	%	4
Flexural Stress	D790	MPa.	240
Flexural Modulus	D790	MPa.	8000
Izod Impact Strength Notched	D256	Kg cm/cm	12
Heat Deflection Temp			
- at 4.6 Kg/cm ² load	D6478	°C	240
- at 18.5 Kg/cm ² load			220
Specific Gravity	D792	-	1.37
Shrinkage	D955	%	0.15-0.3
Volume Resistivity	D257	Ohms-cm	10E14
Surface Resistivity	D257	Ohms	10E15

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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