

FORMPOLY N66GF20LT (20%Glass Fibre Reinforced Nylon66)

GENERAL

FPL offers a range of Nylon66 grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY N66GF20LT**, which is heat stabilized, lubricated Glass Fibre Reinforced Nylon 66 with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY N66GF20LT

Lubricated and Heat stabilized
High mechanical properties
Increased Toughness
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 N66GF20LT is supplied in 25 Kg dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Holder/Washer
Terminal block
Rollers/Propeller
Coil former

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	115
Elongation at Break	D638	%	3.5
Flexural Stress	D790	MPa.	220
Izod Impact Strength Notched	D256	Kg Cm/ Cm	9
Heat Deflection Temp			
- at 4.6 Kg / Cm2 load	D646	°C	200
- at 18.5 Kg / Cm2 load			180
Specific Gravity	D792	-	1.36
Shrinkage	D955	%	0.2-0.6
Volume Resistivity	D-257	Ohms-cm	10 ¹⁵
Surface Resistivity	D-257	Ohms	10 ¹⁴

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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