

FORMPOLY® SN66GP30MC (Unfilled Nylon66- Plasticised)

GENERAL

FPL offers a wide range of Nylon66 grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® SN66GP30MC** which is easy flow and Plasticised grade.

FORMPOLY® SN66GP30MC

Plasticised

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® SN66GP30MC 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	53
Elongation at Break	D638	%	Min 55
Flexural Stress	D790	MPa	70
Flexural Modulus	D790	MPa	1500
Izod Impact Strength Notched	D256	kg.cm/cm	Min 20
Heat Deflection Temp - at 4.6 kg / cm ² load	D648	°C	160
Specific Gravity	D792	-	1.05-1.12
Flammability	UL94	-	HB

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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