

FORMPOLY SN66GP45HS

(UNFILLED NYLON66- Heat Stabilized, High Viscosity)

GENERAL

FPL offers a wide range of Nylon66 grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY SN66GP45HS** which is heat stabilized Nylon66 with excellent mechanical and thermal properties.

FORMPOLY SN66GP45HS

Heat Stabilized
Excellent hot oil/diesel and other chemical resistance
Fine crystalline structure
Easy flow fast solidification

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 SN66GP45HS 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	ISO 527	MPa.	82
Elongation at Break	ISO 527	%	47
Flexural Stress	ISO 178	MPa.	105
Flexural Modulus	ISO 178	MPa.	2700
Izod Impact Strength	ISO 179	Kg cm/cm	5
Notched			
Heat Deflection Temp			
- at 4.6 Kg/cm ² load	ISO 75	°C	150
- at 18.5 Kg/cm ² load	ISO 75	°C	75
Specific Gravity	ISO 1183	-	1.14
Shrinkage	ISO 294	%	1.5 – 1.8
Volume Resistivity	IEC 60093	Ohms-cm	10 ¹⁵
Surface Resistivity	IEC 60093	Ohms	10 ¹⁴

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

FORMULATED POLYMERS LIMITED

Manufacturers of Engineering Plastics Compounds

Ph: +91-44-26811236,7:: Fax:2681 1275 E Mail: formpoly@vsnl.com

URL: www.formulatedpolymers.com

HO & Works: 59, SIDCO Industrial Estate, Thirumazhisai, Chennai - 600 124 India.



A ISO/TS 16949. ISO 9001 & ISO 14001 & ISO 18000 certified