

FORMPOLY PPOGT14 (UNFILLED PPO)

GENERAL

FPL offers a range of Engineering Plastic grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant for most demanding conditions and extreme requirements including FORMPOLY PPOGT14, which is general purpose with good heat resistance.

FORMPOLY PPOGT14

High Flexural Modulus
Good Chemical Resistance
Excellent dimensional stability
Easy flow and fast solidification
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 80°C for 1 to 2 hours for good surface finish.

PACKING

FORMPOLY PPOGT14 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Marine Motor Housings
Cable Clips
Petro caps

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	55
Elongation at Break	D638	%	50
Flexural Stress	D790	MPa.	85
Flexural Modulus	D790	MPa.	2100
Izod Impact Strength Notched	D256	Kg cm/cm	24
Heat Deflection Temp - at 18.5 Kg/cm ² load	D648	°C	130
Specific Gravity	D792	-	1.10
Shrinkage	D955	%	1.2-1.6
VICAT VST/B/120	D 1525	°C	190
Water absorption at equilibrium	D 570	%	3.50

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:26811275 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