

FORMPOLY PPOGP30E (Unfilled PPO)

GENERAL

FPL offers a range of Engineering Plastic grades from unfilled, glass fibre reinforced, mineral reinforced, impact modified to flame retardant for most demanding conditions and extreme requirements including **PPOGP30E** which is extrusion grade with high heat resistance along with high vicat softening point.

FORMPOLY PPOGP30E

- High vicat softening Point
- High Heat deflection Temperature
- Controlled Viscosity
- Uniform flow
- Good gauge control
- Excellent Hydrolytic properties

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 hour for good surface finish.

PACKING

FORMPOLY PPOGP30E is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

- Automotive Interior Parts
- Sheets, Profiles
- Extrusion parts

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	45
Elongation at Break	D638	%	50
Flexural Stress	D790	MPa.	90
Flexural Modulus	D790	MPa.	2500
Izod Impact Strength Notched	D256	Kg Cm/ Cm	25
Heat Deflection Temp - at 18.5 Kg / Cm ² load	D646	°C	110
Specific Gravity	D792	-	1.06
Shrinkage	D955	%	0.5 -0.7
Vicat VST/B/120	D 1525	C	120
Water absorption at equilibrium	D 570	%	0.07

Conditioned test specimen. All results are measured under Dry-as-moulded natural test specimen
Pigmented colors 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

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 - 600124 India



A ISO/TS 16949, ISO 9001 & ISO 14001 certified Firm