

FORMPOLY PPOGP30FRV0 (UNFILLED PPO - FR Grade)

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 PPOGP30FRV0, which is Glass Fibre Reinforced PPO with high stiffness.

FORMPOLY PPOGP30FRV0

Meeting UL 94 V0 requirements
Free from Halogen and Bromide
Moderate Strength
High Gloss
Easy flow and fast solidification
Excellent dimensional stability

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 PPOGP30FRV0 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Internal switch housings
Telecommunication connectors
Deflection yokes
Bobbins
TV Parts

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	60
Elongation at Break	D638	%	55
Flexural Stress	D790	MPa.	93
Flexural Modulus	D790	MPa.	2550
Izod Impact Strength Notched	D256	Kg Cm/ Cm	19
Heat Deflection Temp - at 18.5 Kg / Cm ² load	D646	°C	125
Specific Gravity	D792	-	1.10
Shrinkage	D955	%	0.5-0.7
Water absorption at Equilibrium	D570	%	0.4

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

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