

FORMPOLY® PPOGP30 (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 **FORMPOLY® PPOGP30** which is general purpose grade with good heat resistance.

FORMPOLY® PPOGP30

High Impact strength
Good Heat deflection Temperature
Controlled Viscosity
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 hour for good surface finish.

PACKING

FORMPOLY® PPOGP30 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	55
Elongation at Break	D638	%	35
Flexural Stress	D790	MPa	80
Flexural Modulus	D790	MPa	2500
Izod Impact Strength Notched	D256	kg.cm/cm	15
Heat Deflection Temp - at 18.5 kg/cm ² load	D648	°C	130
Specific Gravity	D792	-	1.05
Shrinkage	D955	%	0.5-0.6
Water absorption at Equilibrium	D570	%	0.10
Vicat VST/B/120	D1525	C	140

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-4349

The information present here is for general guidance. It is given in good faith but no warrant is attached

FORMULATED POLYMERS LIMITED

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