



FORMPOLY® PPOGF30WA

(30% GF Reinforced PPO-WRAS Approved Grade)

GENERAL

FPL offers a range of Engineering Plastic grades from unfilled, glass fibre reinforced to flame retardant for most demanding conditions and extreme requirements including **FORMPOLY® PPOGF30WA**, which is Glass Fibre Reinforced PPO with high stiffness.

FORMPOLY® PPOGF30WA

WRAS approved grade
Meets BS 6920 water contact application.
Good surface finish
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® PPOGF30WA is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Pump impellers
Pump housings
Water meters components
Water filters
Flow regulators

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	130
Elongation at Break	D638	%	3
Flexural Stress	D790	MPa.	160
Flexural Modulus	D790	MPa.	7000
Izod Impact Strength Notched	D256	Kg Cm/ Cm	9
Heat Deflection Temp - at 1.82 MPa load	D648	°C	135
Specific Gravity	D792	-	1.31
Shrinkage	D955	%	0.2-0.4
Water absorption at Equilibrium	D570	%	0.14
Vicat VST/B/120	D1525	°C	145

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

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A ISO/TS 16949, ISO 9001 & ISO 14001 & OHSAS 18001 certified

