

FORMPOLY® PPOGF20PW

(20%GF Reinforced PPO-Pottable water 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® PPOGF20PW**, which is Glass Fibre Reinforced PPO with high stiffness.

FORMPOLY® PPOGF20PW

Pottable water grade

Meets IS 14497 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® PPOGF20PW 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.	90
Elongation at Break	D638	%	3
Flexural Stress	D790	MPa.	140
Flexural Modulus	D790	MPa.	6000
Izod Impact Strength Notched	D256	Kg cm/cm	9
Heat Deflection Temp - at 18.5 Kg/cm ² load	D648	°C	130
Specific Gravity	D792	-	1.21
Shrinkage	D955	%	0.2-0.4
Water absorption at Equilibrium	D570	%	0.14
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-4066

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

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ISO 9001:2015, IATF 16949: 2009 & ISO 14001: 2015 Certified Firm

