

FORMPOLY PPOGT74E (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 PPOGT74E** which is unfilled PPO/PA alloy with electrically conductive properties.

FORMPOLY PPOGT74E

- High Flexural modulus
- Electrostatic painting grade
- Good chemical resistance
- Surface resistivity 10² ohms
- 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 PPOGT74E is supplied in 25 Kg dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

- On line painted parts
- Marine motor housings
- Cable clips
- Petro caps

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	55
Elongation at Break	D638	%	50
Flexural Stress	D790	MPa.	85
Flexural Modulus	D790	MPa.	2100
Izod Impact Strength Notched	D256	Kg Cm/ Cm	24
Heat Deflection Temp - at 18.5 Kg / Cm ² load	D646	°C	130
Specific Gravity	D792	-	1.10
Shrinkage	D955	%	1.2 -1.6
Vicat VST/B/120	D 1525	C	190
Water absorption at equilibrium	D 570	%	3.50

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

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