

FORMPOLY® GPP30THS

(30% Glass Reinforced PP - Heat Stabilized)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® GPP30THS**, which is heat stabilized, lubricated glass fibre reinforced PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY® GPP30THS

- High Flow
- Chemically coupled GF reinforced.
- High Mechanical properties.
- Excellent Heat Resistance
- Easy processability
- Good surface finish
- 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 100°C for 2 to 3 hours for good surface finish.

PACKING

FORMPOLY® GPP30THS is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

- Radiator Shroud
- Washing Machine Insulating Parts
- Automotive Inner parts

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa	85
Elongation at Break	D638	%	3
Flexural Stress	D790	MPa	90
Flexural Modulus	D790	MPa	4000
Izod Impact Strength Notched	D256	kg.cm/ cm	9
Heat Deflection Temp - at 4.6 Kg / Cm ² load	D648	°C	145
Specific Gravity	D792	-	1.12
Shrinkage	D955	%	0.2 - 0.6

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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