

FORMPOLY® GPP30THSUV (30% Glass Reinforced PP - UV Stabilized)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® GPP30THSUV**, which is UV stabilized, lubricated glass fibre reinforced PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY® GPP30THSUV

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® GPP30THSUV 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.	70
Elongation at Break	D638	%	2.5
Flexural Stress	D790	MPa.	90
Izod Impact Strength Notched	D256	Kg Cm/ Cm	4
Heat Deflection Temp - at 4.6 Kg / Cm ² load	D648	°C	130
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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