

# FORMPOLY PPGM30 (GLASS FIBRE + MINERAL REINFORCED PP)

### GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced and mineral reinforced to flame retardant including **FORMPOLY PPGM30**, which is glass and mineral reinforced Polypropylene with moderate mechanical / thermal properties and reduced shrinkage.

### FORMPOLY PPGM30

Medium Flow  
Moderate Mechanical properties  
Easy processability  
Good 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 PPGM30** 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 Interior Trim  
Roof Vents  
Automotive Parts

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	50
Elongation at Break	D638	%	2
Flexural Stress	D790	MPa.	80
Izod Impact Strength Notched	D256	Kg Cm/ Cm	5
Specific Gravity	D792	-	1.12
Shrinkage	D955	%	0.2- 0.5
Melt Flow Index	D1238	Grams/10min	5

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

## FORMULATED POLYMERS LIMITED

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