

FORMPOLY CPP30 (30% Calcite Reinforced PP)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY CPP30**, which is heat stabilized, lubricated Calcite reinforced PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY CPP30

- Smooth surface finish.
- Easy flow and fast solidification.
- Moderate Mechanical and thermal properties.
- Warpage free molding
- Easy processability
- Good surface finish and Gloss
- 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 2 to 3 hours for good surface finish.

PACKING

FORMPOLY CPP30 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

- Speedometer housings
- Control housings
- Vacuum cleaner parts
- Dummy basket ball boards
- Furniture parts

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	30
Elongation at Break	D638	%	10
Flexural Stress	D790	MPa.	45
Flexural Modulus	D790	MPa.	3500
Izod Impact Strength Notched	D256	Kg Cm/ Cm	4
Heat Deflection Temp			
- at 4.6 Kg / Cm ² load	D646	°C	135
- at 18.5 Kg / Cm ² load			90
Specific Gravity	D792	-	1.12
Shrinkage	D955	%	0.3-0.4
Melt Flow Index	D1238	Grams/10min	10

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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