

FORMPOLY SPPT120 (20% TALC REINFORCED PP)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY SPPT120**, which is heat stabilized, lubricated PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY SPPT120

- High heat distortion and service temperature
- Easy flow and fast solidification
- Good mechanical and thermal properties.
- UV stabilized
- 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 100°C for 2 to 3 hours for good surface finish.

PACKING

FORMPOLY SPPT120 is supplied in 25 Kgs. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

- Speedometer parts
- Automotive Head Lamp Parts
- Control housing
- Handles
- Timing Belts
- Automotive inner parts

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	20
Elongation at Break	D638	%	5
Izod Impact Strength Notched	D256	Kg Cm/ Cm	12
Specific Gravity	D792	-	1.03 - 1.05
Shrinkage	D955	%	0.4-0.8
Melt Flow Index	D-1238	Grams/10 Min	5

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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