

FORMPOLY SPP5140 (30% Talc Reinforced PP)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY SPP5140**, which is heat stabilized, lubricated mineral reinforced PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY SPP5140

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 100°C for 2 to 3 hours for good surface finish.

PACKING

FORMPOLY SPP5140 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.	35
Elongation at Break	D638	%	40
Flexural Stress	D790	MPa.	45
Flexural Modulus	D790	MPa.	3500
Izod Impact Strength Notched	D256	Kg Cm/ Cm	5
Heat Deflection Temp			
- at 4.6 Kg / Cm ² load	D646	°C	140
- 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

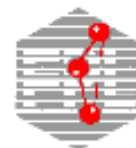
Conditioned test specimen. All results are measured under Dry-as-moulded natural test specimen
Pigmented colors would record lower mechanical properties as permitted by ASTM D 4066.

The information present here is for general guidance. It is given in good faith but no warrant is attached

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