

FORMPOLY SPP530

(30% MINERAL REINFORCED PP)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY SPP530**, which is heat stabilized, Lubricated, Mineral reinforced PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY SPP530

- High Heat distortion and service temperature
- Easy flow and 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 SPP530 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
- Automotive Interior Trim
- Handles
- Toys

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	28
Elongation at Break	D638	%	30
Flexural Stress	D790	MPa.	45
Flexural Modulus	D790	MPa.	3000
Izod Impact Strength Notched	D256	Kg Cm/ Cm	5
Heat Deflection Temp			
- at 4.6 Kg / Cm ² load	D648	°C	130
- at 18.5 Kg / Cm ² load			5
Specific Gravity	D792	-	1.13
Shrinkage	D955	%	0.8-1.2
Melt Flow Index	D-1238	Grams/10 Min	8

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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