

FORMPOLY® SPP620 (20% Talc Reinforced PP)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® SPP620**, which is heat stabilized, lubricated talc reinforced PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY® SPP620

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 80°C for 2 to 3 hours for good surface finish.

PACKING

FORMPOLY® SPP620 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Speedometer housings
Control housings
Automotive head lamp parts
Automotive inner parts
Handles

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa	30
Flexural Stress	D790	MPa	42
Flexural Modulus	D790	MPa	2500
Izod Impact Strength Notched	D256	kg cm/cm	6
Heat Deflection Temp			
- at 4.6 Kg/cm ² load	D646	°C	125
- at 18.5 Kg/cm ² load		°C	80
Specific Gravity	D792	-	1.05
Shrinkage	D955	%	0.3-0.4
Melt Flow Index	D1238	g/10min	10

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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