

FORMPOLY® SPP620FR

(20% Talc Reinforced PP-FR Grade)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® SPP620FR**, which is heat stabilized, lubricated talc reinforced PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY® SPP620FR

Meeting UL94 VO requirements
 Easy flow and fast solidification
 Good mechanical and thermal properties.
 Anti-dripping
 Easy processability
 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® SPP620FR is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Switch parts
 Automotive fire alarm indicator
 Roofing parts
 Automotive inner parts

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa	30
Elongation at Break	D638	%	6
Flexural Stress	D790	MPa	40
Flexural Modulus	D790	MPa	2500
Izod Impact Strength Notched	D256	kg cm/cm	4
Heat Deflection Temp - at 4.6 Kg/cm ² load	D648	°C	125
- at 18.5 Kg/cm ² load	D648	°C	80
Specific Gravity	D792	-	1.21
Shrinkage	D955	%	0.3-0.4
Melt Flow Index	D1238	g/10min	12

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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ISO 9001:2015, IATF 16949: 2009 & ISO 14001: 2015 Certified Firm

