

FORMPOLY SPP635HF

(20% Talc Reinforced PP-Heat Stabilized)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY SPP635**, which is heat stabilized, lubricated Talc reinforced PP with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY SPP635

- 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 SPP635 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

- Speedometer parts
- Automotive Head Lamp Parts
- Control Housings
- Handles
- Automotive inner parts

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	31
Elongation at Break	D638	%	16
Flexural Stress	D790	MPa.	42
Flexural Modulus	D790	MPa.	2500
Izod Impact Strength Notched	D256	Kg Cm/ Cm	6
Heat Deflection Temp		°C	
- at 4.6 Kg / Cm2 load	D646		125
- at 18.5 Kg / Cm2 load			80
Specific Gravity	D792	-	1.05
Shrinkage	D955	%	0.4-0.8
Melt Flow Index	D1238	Grams/10min	25

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

FORMULATED POLYMERS LIMITED

Manufacturers of Engineering Plastics Compounds

Ph: +91-44-26811236,7:: Fax:2681 1275 E Mail: formpoly@vsnl.com URL: www.formulatedpolymers.com
HO & Works: 59, SIDCO Industrial Estate, Thirumazhisai, Chennai - 600126 India



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