

# FORMPOLY SPP610HI (10%Talc Reinforced PP)

## GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY SPP610HI**, which is Talc reinforced Polypropylene with moderate mechanical / thermal properties and reduced shrinkage.

### FORMPOLY SPP610HI

Easy flow and fast solidification  
Moderate Mechanical and thermal properties  
Easy processability  
Good surface finish and Gloss  
Good 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 SPP610HI** 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.	30
Elongation at Break	D638	%	25
Flexural Stress	D790	MPa.	35
Izod Impact Strength Notched	D256	Kg Cm/ Cm	5
Specific Gravity	D792	-	1.01
Shrinkage	D955	%	0.6 - 1.2
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

## FORMULATED POLYMERS LIMITED

**Manufacturers of Engineering Plastics Compounds**

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