

# FORMPOLY SPP408

## (40% Talc Reinforced PP-Opaque grade)

### GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY SPP408**, which is lubricated Talc reinforced PP with Opacity.

### FORMPOLY SPP408

Opaque grades up to 0.5mm thickness  
 Easy flow and fast solidification.  
 Moderate Mechanical and thermal properties.  
 Easy processability  
 Available in various colors  
 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 1 to 2 hours for good surface finish.

### PACKING

**FORMPOLY SPP408** is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

### APPLICATION

Speedometer inner parts  
 Automotive lamp assembly.  
 Washing machine parts

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	30
Elongation at Break	D638	%	4
Flexural Stress	D790	MPa.	50
Flexural Modulus	D790	MPa.	4000
Izod Impact Strength Notched	D256	Kg Cm/ Cm	4
Heat Deflection Temp			
- at 4.6 Kg / Cm <sup>2</sup> load	D646	°C	145
- at 18.5 Kg / Cm <sup>2</sup> load			90
Specific Gravity	D792	-	1.23
Shrinkage	D955	%	0.2-0.5
Melt Flow Index	D1238	Grams/10min	12

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](mailto:formpoly@vsnl.com) URL: [www.formulatedpolymers.com](http://www.formulatedpolymers.com)  
 HO & Works: 59, SIDCO Industrial Estate, Thirumazhisai, Chennai - 600124 India



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