

# FORMPOLY SPP715F (40% Talc Reinforced PP)

## GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY SPP715F**, which is lubricated Talc reinforced PP with Opacity.

## FORMPOLY SPP715F

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 100°C for 2 to 3 hours for good surface finish.

## PACKING

**FORMPOLY SPP715F** 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.	25
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 - at 18.5 Kg / Cm <sup>2</sup> load	D646	°C	145 90
Specific Gravity	D792	-	1.23
Shrinkage	D955	%	0.2-0.5
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

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