

# FORMPOLY® SPP203HF

## (Unfilled PP-High Flow, Impact modified)

### GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® SPP203HF**, which is UV stabilized, lubricated PP with excellent mechanical / thermal properties and reduced shrinkage.

### FORMPOLY® SPP203HF

High impact strength  
 Easy flow and fast solidification  
 Good mechanical and thermal properties.  
 Easy processability  
 Good surface finish and Gloss

### 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® SPP203HF** is supplied in 25 Kgs. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

### APPLICATION

Dash Boards  
 Front bumper  
 Fuel liners  
 Air duct fan cover  
 Sanitary wares

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa	22
Elongation at Break	D638	%	200
Flexural Strength	D790	MPa	28
Flexural Modulus	D790	MPa	850
Izod Impact Strength Notched	D256	kg.cm/cm	NB
Heat Deflection Temp			
- at 4.6 Kg / Cm <sup>2</sup> load	D646	°C	90
- at 18.5 Kg / Cm <sup>2</sup> load		°C	50
Specific Gravity	D792	-	0.90
Shrinkage	D955	%	1.5 - 2.0
Melt Flow Index	D-1238	g/10 min	10

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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