

FORMPOLY® SPP203M

(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® SPP203M** which is lubricated PP with very high impact properties for extrusion purpose.

FORMPOLY® SPP203M

Very High impact.
 Low flow suitable for extrusion purpose
 Good Mechanical and thermal properties.
 Easy processability
 Good surface finish and Gloss
 Suitable for food grade application

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 hour for good surface finish.

PACKING

FORMPOLY® SPP203M is supplied in 25 Kg. 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	25
Elongation at Break	D638	%	200
Flexural Stress	D790	MPa	30
Flexural Modulus	D790	MPa	850
Izod Impact Strength Notched	D256	kg.cm/cm	20
Heat Deflection Temp			
- at 4.6 kg/cm ² load	D648	°C	90
- at 18.5 kg/cm ² load	D648	°C	50
Specific Gravity	D792	-	0.90
Shrinkage	D955	%	1.5- 2.0
Melt Flow Index	D1238	g/10min	0.5- 3

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

FORMULATED POLYMERS LIMITED

Manufacturers of Engineering Plastics Compounds

Ph: +91-44-26811236,7:: Fax:2681 1275 E Mail: info@formulatedpolymers.com

URL: www.formulatedpolymers.com

HO & Works: 59, SIDCO Industrial Estate, Thirumazhisai, Chennai - 600 124 India..

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