

FORMPOLY® SPP203 (Unfilled PP- High Impact Modified)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® SPP203** which is lubricated PP with very high impact properties.

FORMPOLY® SPP203

Very High impact.
Low flow suitable for both injection and 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® SPP203 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Cable Terminals
Sockets & plugs
Fuel liners
Air duct fan cover
Covers & housings

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa	19
Elongation at Break	D638	%	>300
Flexural Stress	D790	MPa	26
Flexural Modulus	D790	MPa	800
Izod Impact Strength	D256	kg.cm/cm	No Break
Izod Impact Strength at -20°C	D256	kg.cm/cm	15
Heat Deflection Temp			
- at 4.6 kg/cm ² load	D648	°C	75
- at 18.5 kg/cm ² load	D648	°C	65
Specific Gravity	D792	-	0.90
Shrinkage	D955	%	1.5- 2.0
Melt Flow Index	D1238	g/10min	0.5 - 2

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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