

FORMPOLY® MPP40 (40% Mica Reinforced PP)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® MPP40**, which is Mica filled PP with good mechanical / thermal properties.

FORMPOLY® MPP40

Medium Flow
Moderate Mechanical properties.
Good Electrical properties
Easy processability
Good Heat Aging
Good 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 2 to 3 hours for good surface finish.

PACKING

FORMPOLY® MPP40 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Cable terminals,
Sockets & plugs
Switch parts
Covers & housings

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa	38
Elongation at Break	D638	%	Min 5
Flexural Stress	D790	MPa	50
Flexural Modulus	D790	MPa	3800
Izod Impact Strength Notched	D256	kg cm/cm	5
Heat Deflection Temp - at 4.6 kg/cm ² load	D648	°C	145
Specific Gravity	D792	-	1.26
Shrinkage	D955	%	0.2-0.4

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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