

FORMPOLY PPBS70 (70% BARIUM SULPHATE FILLED PP)

GENERAL

FPL offers a range of Polypropylene grades from unfilled, glass fibre reinforced and mineral reinforced to flame retardant including **FORMPOLY PPBS70**, which is barium sulphate filled with high flex modulus, good frictional resistance and good chemical resistance.

FORMPOLY PPBS70

High Flex Modulus
Good Chemical Resistance
Frictional Resistance
X-Ray Opacity

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 PPBS70 is supplied in 25 Kgs. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Soundproof Components
Medical devices
Speaker Assembly

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	15
Elongation at Break	D638	%	30
Flexural Stress	D790	MPa.	40
Flexural Modulus	D790	MPa.	1000
Izod Impact Strength Notched	D256	Kg cm/cm	5
Heat Deflection Temp			
- at 4.6 Kg/cm ² load	D648	°C	90
- at 18.5 Kg/cm ² load			50
Specific Gravity	D792	-	2.02
Melt Flow Index	D1238	g/10min	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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