

FORMPOLY ABSGP30HF (UNFILLED ABS)

GENERAL

FPL offers a range of Engineering plastics grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY ABSGP30HF**, which is General purpose unfilled ABS with high gloss.

FORMPOLY ABSGP30HF

Heat stabilized
High gloss and excellent surface finish
Easy flow and fast solidification
Excellent 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 ABSGP30HF is supplied in 25 Kg dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Automotive consoles
UPS body
Vacuum cleaner wheels
Knobs
Electrical appliances body

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	42
Elongation at Break	D638	%	15
Flexural Stress	D790	MPa.	65
Flexural Modulus	D790	MPa.	2250
Izod Impact Strength Notched	D256	Kg Cm/ Cm	20
Heat Deflection Temp - at 18.5 Kg / Cm ² load	D648	°C	93
Specific Gravity	D792	-	1.05
Shrinkage	D955	%	0.4-0.6
Melt Flow Index	D1238	g/10mins	37

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

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