

FORMPOLY ABSGP30UFR

(Unfilled ABS-FR grade with UV Resistance)

GENERAL

FPL offers a range of Engineering Plastic grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY ABSGP30UFR**, which is General purpose unfilled ABS with UV Resistance and Flame Retardant

FORMPOLY ABSGP30UFR

Excellent UV Resistance
Meets UL94 VO at 1.6mm
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 ABSGP30UFR is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Automotive air conditioner grills
Radiator front grills
Switch parts
Instrument cluster panel
Electrical appliances body

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	45
Elongation at Break	D638	%	20
Flexural Stress	D790	MPa.	70
Flexural Modulus	D790	MPa.	2700
Izod Impact Strength Notched	D256	Kg cm/cm	16
Heat Deflection Temp			
- at 4.6 Kg/cm ² load	D648	°C	95
- at 18.5 Kg/cm ² load			90
Specific Gravity	D792	-	1.18
Shrinkage	D955	%	0.45-0.65
Melt Flow Index	D1238	g/10 min	25
Flammability	UL94	-	VO(1.6mm)

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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