

FORMPOLY® ABSGP30FR (Unfilled ABS-FR Grade)

GENERAL

FPL offers a range of Engineering Plastic grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including **FORMPOLY® ABSGP30FR**, which is General purpose unfilled ABS with High Gloss and Flame Retardant.

FORMPOLY® ABSGP30FR

FR grade meets UL94-V0

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® ABSGP30FR 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	D648	°C	90
Specific Gravity	D792	-	1.18
Shrinkage	D955	%	0.45-0.65
Flammability @ 1.6mm	UL94	-	V0

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

Manufacturers of Engineering Plastics Compounds

Ph: +91-44-26811236,7:: Fax:2681 1275 E Mail: info@formulatedpolymers.com

URL: www.formulatedpolymers.com

HO & Works: 59, SIDCO Industrial Estate, Thirumazhisai, Chennai - 600 124 India.

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