

FORMPOLY ABSGF15

(15%Glass Fiber Reinforced ABS)

GENERAL

FPL offers a range of Engineering Plastic grades from unfilled, glass fibre reinforced, mineral reinforced to flame retardant including FORMPOLY ABSGF15, which is Glass Fibre reinforced ABS with excellent mechanical and thermal properties.

FORMPOLY ABSGF15

Low warpage
Easy flow and fast solidification
Good dimensional stability
High mechanical properties
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 ABSGF15 is supplied in 25 Kg. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Textile pulleys
Air conditioner fans
Impellers
Motor casing
Speedometer housing for OTR vehicles

| Property | ASTM Method | Unit | Value |
|---|-------------|----------|------------|
| Tensile Stress | D638 | MPa. | 70 |
| Elongation at Break | D638 | % | 3 |
| Flexural Stress | D790 | MPa. | 85 |
| Flexural Modulus | D790 | MPa. | 5100 |
| Izod Impact Strength Notched | D256 | Kg cm/cm | 6 |
| Heat Deflection Temp - at 18.5 Kg/cm ² load | D646 | °C | 100 |
| Specific Gravity | D792 | - | 1.18 |
| Shrinkage parallel | D955 | % | 0.1 to 0.3 |
| Melting 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

FORMULATED POLYMERS LIMITED

Manufacturers of Engineering Plastics Compounds

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

URL: www.formulatedpolymers.com

HO & Works: 59, SIDCO Industrial Estate, Thirumazhisai, Chennai - 600124 India.



A ISO/TS 16949. ISO 9001 & ISO 14001 & ISO 18000 certified