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$GRP {\sf lon15GF}$

15% GLASS FILLED POLYAMIDE 6

GRPlon15GF is an 15% glass filled compounded polyamide 6. It is available in black color with good mechanical properties and melt flow during processing. It is suitable for making general purpose, automotive, industrial and consumer durable products by injection molding process.

Property	ASTM Standard	Unit	Specification
Tensile Strength	D 638	MPa	85 ± 5
Elongation at Yield	D 638	%	4 ± 0.5
Elongation at Break	D 638	%	4.5 ± 0.5
Flexural Strength	D 790	MPa	110 ± 5
Flexural Modulus	D 790	MPa	4500 ± 100
Notched-Izod Impact Strength	D 256	J / m	70 ± 5

TECHNICAL DATASHEET

Typical Applications:

- Automotive : Oil tank caps, Switches, Oil filter parts, locks, Fuse holders, Connectors
- Industrial : Gears, Textile machinery parts, Bearing cases, Washers
- Construction : Window and door components
- Consumer Goods: Couplers, Mixer body parts, Relay parts

The information & data presented herein are to the best of our knowledge. No warranty or guarantee expressed or implied is made regarding performance. The information and data are subject to change without prior intimation based on research and development work undertaken by the company.



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