

PRODUCT DATA SHEET



GRIPLON66-15GF-B

Product Description

Polyamide 66 - Glass reinforced, 15% BLACK

Product Applications

Automotive, Furniture etc.

General

Filler/Reinforcement - Glass fiber
Forms - Pellets
Appearance/Color - Black
Processing Method - Injection molding

Physical	Typical Value	Unit	Test Method
Specific Gravity	1.23	-	ASTM D -792
Filler Content	15	%	In-house Method

Mechanical	DAM	Unit	Test Method
Tensile Strength	110	Mpa	ASTM D-638
Elongation at Yield	5	%	
Elongation at Break	6	%	ASTM D-638
Flexural strength	135	MPa	ASTM D-790
Flexural Modulus	5000	MPa	ASTM D-790
Notched Izod Impact strength	70	J/M	ASTM D-256A



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Drying conditions

It is recommended to pre dry Nylon granules at 85-100 °C for 3-4 Hrs.
Moisture content after drying should be <0.2%.
Avoid sudden cooling of dry pellet.

Injection Molding conditions (° C)

Feed Zone	Centre	Nozzle	Melt	Mould
240-250	250-255	255-260	250-265	60-80

Note

All Properties measured at 23 Deg. / 50% RH on dry-as-moulded test specimens. Only typical data for material selection purposes only. Users have to establish material suitability. 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.

Plant

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