

# PRODUCT DATA SHEET



## GRPLON110V

### Product Description

Polyamide 66 - Unfilled impact modified

### Product Applications

Automotive, Electronics & Electrical, Cable Tie

### General

Filler/Reinforcement - ----  
Forms - Pellets  
Appearance/Color - Natural  
Processing Method - Injection molding

Physical	Typical Value	Unit	Test Method
Specific Gravity	1.10		ASTM D -792

Mechanical	DAM	Unit	Test Method
Tensile Strength	61	Mpa	ASTM D-638
Elongation at Yield	5	%	ASTM D-638
Elongation at Break	20	%	ASTM D-638
Flexural strength	70	MPa	ASTM D-790
Flexural Modulus	2000	MPa	ASTM D-790
Notched Izod Impact strength	14	Kg.cm/cm	ASTM D-256A



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## Drying conditions

It is recommended to pre dry Nylon granules at 80 °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
260-280	270-290	270-290	265-285	65-85

## 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.

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