

# Venlon 6GoF (Green Oil Filled Cast Nylon)

## Product Information Sheet



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**Gantiel Vensott**  
**Engineering Plastic Solutions**

### Product Information

<b>Trade name:</b>	Venlon 6GoF
<b>Designation:</b>	Cast Nylon
<b>Food compliance FDA:</b>	No
<b>Colour:</b>	Green

### Product Description

A complex blended oil lubrication system, uniformly distributed throughout the product guarantees constant performance over the whole service life of this exceptional oil-loaded nylon. Excellent sliding frictional properties, abrasion resistance and stick/ slip performance make this product a first choice for unlubricated moving parts. Its reduced coefficient of friction (-50%) and improved wear resistance (up to 10 times) make it suitable for a wide range of applications.

### Properties

<b>Density:</b>	1.14 – 1.15	g/cm <sup>3</sup>	D792
<b>Deformation Under Load</b>	0.7 – 3.0	%	D621
<b>Continuous Service Temperature</b>	230	°F	

### Applications and Industries

- Sleeve and Slide Bearings
- Support and Guide Wheels
- Tension Rollers
- Pulleys and Pulley Linings
- Buffer Blocks
- Scrapers
- Sprockets
- Feed Screws
- Cutting and Chopping Boards
- Self Lubricating Slides
- Wear Pads
- Conveyor Rollers
- Sleeves for Wheels and Rollers
- Cams
- Hammer Heads
- Gear Wheels
- Seal Rings
- Star Wheels
- Insulators
- Under Chain Wear Strips

### Key Features and Benefits

- Improved Wear and Abrasion Resistance
- Excellent Mechanical Properties
- Excellent Chemical Properties
- Improved Load Bearing.
- Reduced Water Absorption
- Excellent Thermal Properties
- Good Dimensional Stability

### Delivery Program

Sheets – Thickness	6mm – 100mm
Sheets – Size	2440 x 1220mm (6 – 60mm), 1220 x 610mm (70 – 100mm)
Rod – Diameter	25mm – 400mm

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