



Grow with the **NDYLON®** advantage!

Grow with **Neeldeep**

*We Partner... You Grow!*



**CAST NYLON STOCK SHAPES**

**CUSTOM CASTINGS**

**COMPONENTS**



*Neeldeep Enterprises*



## Delivering your product advantage for more than 30 years



**N**eeldeep is a pioneer producer of cast nylon in North India. Our processes, products, expertise and people have been recognized as the best in the industry

Our considerable experience of **more than 3 decades** in the industry enables us to manufacture and supply a highly reliable range of cast nylon. We offer a product line that is widely demanded and appreciated in different sectors of the industry for their assured quality standards and salient features like **high strength, precise designs, dimensional accuracy, long service life and trouble-free operations.**

With a team of innovative engineers and casters, we develop creative solutions for our customers. The company's product offerings include **cast nylon sheets, rods, tubular bars, nylon sheaves, discs, rings, gears and custom cast components.**

**NDYLON's** range widely finds application in diverse sectors of the industry like **paper, textile, packaging, automotive, sugar and chemical** for their quality standards and exceptional features.

Our focus is on providing excellence from manufacturing quality to our product line, tool design, engineering support, delivery and every part of the custom customer's experience – That is what we call the '**NDYLON**' experience.





## Standard Type 6 products

### **NDYLON® BLUE & NDYLON® 6PA NATURAL**

Two of the most widely used cast nylons in the industry, **NDYLON 6PA NATURAL** have delivered successful performance—with and without lubrication—in a variety of diverse applications, particularly as a bearing material. They are lightweight and offer extremely good wear resistance, high tensile strength and high modulus of elasticity.

#### Other properties include:

- High impact resistance
- Excellent vibration resistance
- Resistance to brittleness and deterioration
- Easy machinability and abrasion resistance
- High heat distortion temperature



#### HEAT STABILIZATION PROPERTIES

**NDYLON BLUE** has a heat stabilizer that retards the loss of physical properties as temperature increases.

This allows the material to function at approximately 10% higher temperatures than standard grades; meaning **NDYLON** operating at 200°F will have approximately the same physical properties as a standard grade operating at 185° F.

Maximum intermittent temperature for **NDYLON** is 330°F and continuous operating temperature is 250°F (compared to 230°F for standard grades).





## Premium Bearing & Gear Grades

**NDY'O'LON®** is oil-filled cast nylon, introduced 25 years ago. **NDY'O'LON** is carefully dispersed with an oil-based lubricant during the manufacturing process. The result is a highly crystalline, internally lubricated, high-strength polymer with enhanced wear and reduced friction properties.

**NDY'O'LON** is offered in grades tailored to specific applications:

- **NDY'O'LON** (Green)-ideal for most anti-friction applications
- **NDY'O'LON** (Natural)-specified for direct contact with food

### SOLID LUBRICANT-FILLED NYLONS

**NDYLON®** (Red) & **NDYLON T®** (Gray)

Are solid lubricant-filled cast nylons designed to provide low co-efficient of friction and superior wear resistance, making them an excellent choice in high-load, low-speed applications.





## Specialty Products



### **NDYLON Gears**

**NDYLON** gears have a greater lifespan and helps reduce noise from the machine. These gears do not need lubrication as they are self lubricated. Also, **NDYLON** gears can be produced in close tolerance as per customer's requirement.



### **NDYLON Collar Bushes**

**NDYLON** collar bushes find their application in various industries. These are available in different sizes and colors as per the requirement. These are self-lubricated and also serve a long life.



### **NDYLON Bushes**

**NDYLON** bushes find their application in various industries like automotive industry, office automation machines, sports machines, chemical machines etc. for **NDYLON** bushes have high load and speed bearing abilities with lower friction when compared with metal bushes. Also, **NDYLON** bushes save cost as compared to metal bushes.



## Specialty Products



### **NDYLON Sheaves**

**NDYLON** sheaves offer advantages of reduced component weight, improved wire life and protection against corrosion.



### **NDYLON Wheels**

**NDYLON** wheels offer superior impact strength and resilience compared to conventional injection-molded plastic wheels. These are available in different sizes and colors.



### **NDYLON Slipper Pads**

**NDYLON** sleeper pads are widely demanded in steel and rolling. These are available in different sizes and colors.



### **NDYLON Rings**

**NDYLON** rings are 7 times lighter than iron, and can also be manufactured in various sizes as per the requirement. These are in great demand with the packaging industry.



## Custom Cast Shapes



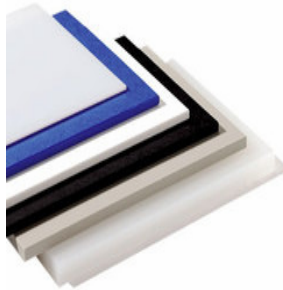
Custom casting is possible for high volume runs on components weighing in excess of one kilogram, depending on the intricacy of the part.

The custom cast process involves putting molten material directly into a tool, to make a type 6 nylon shape. This helps in an overall more cost-effective process than machining or molding parts from other materials. Custom cast parts are either produced as finished parts or require minimal machining. **NDYLON's** this near Net Shapes are offered in our full line of formulations.



## Other Engineering Plastics

### U.H.M.W.P.E



#### Used in:

- Bearings
- Piston
- Valves
- Chain Belt Guides
- Sprockets
- Pinion
- Gears

### Extruded Nylon

#### Used in:

- Cams
- Washers
- Gears
- Grommets
- Bearings
- Spindles
- Nuts & Bolts



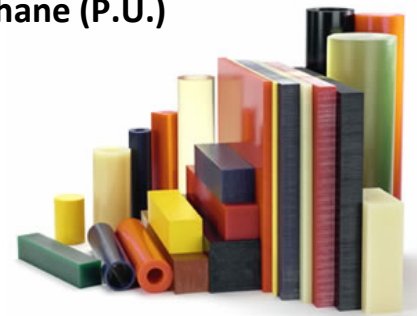
- Packing
- Chevrons
- Piston Rings
- Slide bearings
- Wear plates
- Bushes
- Spindles
- Electrical & thermal insulators

### Teflon



### Polyurethane (P.U.)

- Packing
- Padding
- Piston Rings
- Envelope Gaskets
- Thermal insulators
- Suspension Bushes
- Bushes
- O Rings



### Polypropylene (P.P.)



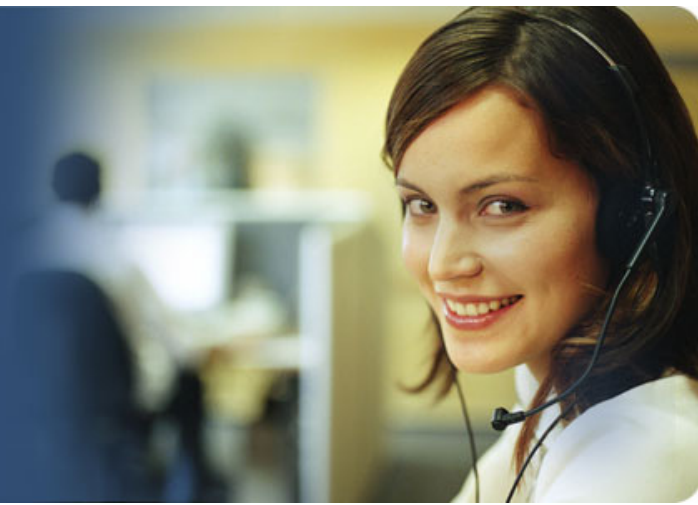
- Packing
- Padding
- Piston Rings
- Envelope Gaskets
- Thermal insulators
- Suspension Bushes
- Bushes
- O Rings

### Poly Acetal (Delrin)

- Gears
- Bushes
- Sprockets
- Pulleys
- Rollers
- Washers
- Seals
- Components for Appliances, Automobiles & Textile machinery



# Contact Us



## Neeldeep Enterprises

Factory & Works  
J-76, Site-5, U.P.S.I.D.C. Indl. Area  
Kasna, Gr. Noida-201308  
Distt. G.B. Nagar,  
Uttar Pradesh,  
India

**E mail:** [Sales@neeldeepenterprises.com](mailto:Sales@neeldeepenterprises.com)



## R. Dass & Son

Head & Marketing Office  
3983, Ajmeri Gate, Delhi  
Delhi - 110006  
India

**E mail:** [Info@neeldeepenterprises.com](mailto:Info@neeldeepenterprises.com)

+ 91-09312652019



J-76, Site V, UPSIDC Industrial Area Kasna, Greater NOIDA. Distt: G.B.Nagar, U.P.

[www.neeldeepenterprises.com](http://www.neeldeepenterprises.com)

