

Nylon Sheet

*Also available in Rod&Tube

Nylon is a strong, stiff engineering plastic with outstanding bearing and wear properties. Nylon is frequently used to replace metal bearings and bushings often eliminating the need for external lubrication. Other benefits include a reduction in part weight, less operating noise, and decreased wear on mating parts.



TECHNICAL DATA

Applications

- Bearings and bushings
- Gears
- Wear pads
- Packaging machinery parts
- Food processing machinery parts
- Rollers
- Seals and gaskets

Characteristics

- High mechanical strength
- Good chemical resistance
- High wear resistance
- Good machinability
- Low coefficient of friction
- Light weight
- Diverse grades available to suit particular applications
- Wide range of profiles and sizes available
- Wide variety of custom cast options

Physical Properties

Property	Unit	Value
Density	g/cm ³	1.2
Water Absorption 24 hrs	%	0.3
Tensile Strength	psi	10000 - 13500
Elongation At Break	%	>20
Compressive Strength	psi	13778
IZOD Notched Impact	ft-lb/in	0.7
Maximum Service Temperature	°C	110

Nylon Series