



Nylacast

Lebanon, Pennsylvania, USA

Pioneering solutions for your business through engineering plastics

Nylacast prides itself on being able to provide the customer with a complete "engineering plastic solution." The versatility of components from Nylacast sees them used in many diverse applications within industries including construction, oil and gas, pharmaceutical, food processing, rail, water treatment and automotive.

Nylacast Engineering Polymers are stable, corrosion resistant, tough, self lubricating and wear resistant, making them the perfect choice for a wide range of applications, and the ideal replacement to traditional engineering materials such as steel, cast iron, bronze and ceramics. Engineering expertise at Nylacast, backed up by state-of-the-art manufacturing facilities situated worldwide, has made Nylacast the No. 1 choice for engineering designers and specifiers.

Focus on adding value

Nylacast's approach is to build long-term relationships and focus on adding value to client businesses. Through over 35 years of engineering solutions, this approach has given the company a strong position within the marketplace, strong trading performances and the strengthening of the worldwide Nylacast brand image. Nylacast USA is the local portal for the North American marketplace but with an international brand position. Semi-finished stock shapes, including rod, plate, tube and profiles in a range of engineering plastic materials such as PA 6 C and POM-C, ensures a huge size range and a reliable supply of leading brand products, of proprietary products, including Oilon and Nylube.

Nylacast products

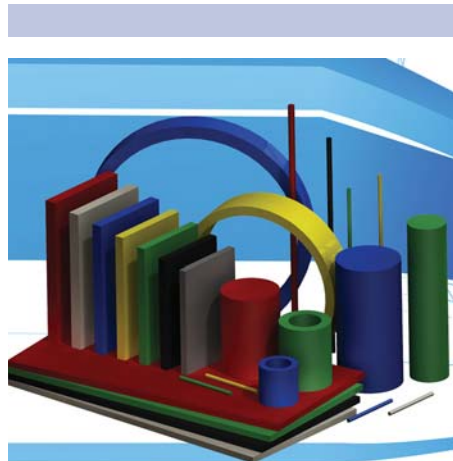
- Nylacast PA 6 C
- Nylacast Moly PA 6 C
- Nylacast H.S Blue
- Nylacast Aquanyl
- Nylacast Impact
- Nylacast Oilon
- Nylacast Nylube
- Nylacast Special Grades
- Polyacetal (POM-C)

Materials technology

Nylacast is one of the leading brands in cast nylons and has specialized in developing this unique polymer for many decades. For this reason, it offers the widest range of profiles, grades and sizes available, concentrating on its ability to custom and formulate a grade for a particular application.

Although Nylacast's origin lies in cast nylons, it is also able to supply a much wider range of extruded engineering polymers, with new high performance products being added to its product portfolio. Nylacast's cast nylon manufacturing facilities are being complemented with extruded products and it is its intention to have at least 2,000 metric tons of PA 6 per annum.

To support this capacity, Nylacast concentrates on the various issues relating to raw material supply, from costs, to quality, to custom formulation and logistics. Its desire is to be a quality producer with a universal set of standards across its manufacturing facilities. Many of the "non-bulk" constituent additives, which make Nylacast products so unique, are manufactured, synthesized and masterbatched in-house.



Nylacast has the ability to produce high volume, high quality engineering polymers in a range of grades and sizes.

Due to Nylacast's significant involvement in added-value machined components, derived from its own range of engineering polymers, it is imperative that its recycling strategy is robust. Nylacast presently recycles over 200 metric tons per annum into both extrusion and molding grade pellets that are reprocessed or sold specifically as recycled product.

Machined applications

As one of the world's leading manufacturers of engineering polymers, Nylacast continues to consult material specifiers, designers and manufacturers of engineering polymers to replace traditional engineering materials such as steel, cast iron,

bronze and ceramics. When reverting to a cast nylon component there are numerous advantages surrounding the improved performance and cost reduction. They are: increased components life, zero corrosion, weight reduction, improved wear-performance/friction coefficient, noise dampening, electrical and thermal insulation, internal lubrication, non-stick characteristics, abrasion resistance, dimensional stability and chemical resistance.

Supporting your project

Nylacast has a specialist team in place to support your project from start to finish. They include: in-house design facilities, the latest CAD/CAM machine tool technology, complex components in any quantity, material selection advice, samples and rapid prototypes, small and large volumes, skilled sales-engineers covering a specific geographic territory and lean manufacturing.

Having been prominent in the supply of engineering plastic components to end-users for over 25 years, Nylacast is probably unmatched in its knowledge of applications for these materials. Bearing materials are the lifeblood of the mechanized world and the almost infinite potential within an enormous range of industry sectors is difficult to imagine. The United Kingdom, European and North American markets are serviced by skilled sales-engineers covering a specific geographic territory and supported by a strong internal sales and marketing team.

With the constant development of new materials offering further choice to designers or maintenance engineers, Nylacast expects strong growth from this division for many years to come. Manufacturers of traditional metal-bearing materials and average-performing engineering polymers had better be aware that in this arena it is component performance and service life that counts with the customer.

Engineering plastics

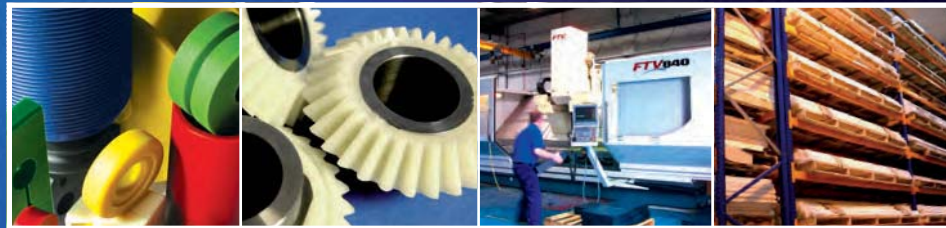
The purpose-built casting facility, which complements the extensive production ability at Nylacast, uses a range of plate, tube and rod casting machines. The casting machines, which have been specifically designed by Nylacast, have an annual capacity of 2,000 tons.

For more information, contact Nylacast LLC, 770 Maple Street, Lebanon, PA 17046 USA; (717) 270-5600, (866) 695-2227, fax (717) 270-9760, e-mail: sales@nylacastusa.com, www.nylacastusa.com.

A dramatic photograph of a space shuttle launching, viewed from a low angle. The shuttle is angled upwards, with its engines firing and a massive plume of white smoke and fire trailing behind it. The background is a deep blue sky.

Pioneering vision

- Market leaders in Polymer Technology
- Over 35 years of engineering solutions
- Worldwide presence in application development
- Local presence in distribution channels
- Committed to enhancing and adding value to your business



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www.nylacast.com

Innovators not Imitators! Choose the Original, Choose Success!



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