



Nymax™ Nylon Compounds

Nylon and Polyamide Compounds

Product Description

PolyOne's Nymax™ line of crystalline nylon compounds features standard and custom-compounded Nylon 6, Nylon 6/6 and other nylon copolymer grades combined with a wide range of reinforcements, modifiers and fillers. The Nymax custom nylon product line allows design engineers to tailor their material selections based on the demands of the application and cost and performance constraints.

Key Characteristics

The primary features and benefits of Nymax compounds are:

- **Strength and Durability**, including stiffness and impact resistance
- **Chemical and Fire Resistance**, withstanding harsh chemicals
- **Weatherability**, for use in outdoor applications
- **Regulatory Compliance**, meeting various agency ratings, such as UL, NSF, FDA and Automotive

Additional Product Information

Nymax compounds are made using both Nylon 6 and Nylon 6/6 grades to provide a good balance of properties. In addition, Nylon 6 offers a lustrous finish while Nylon 6/6 is designed for high-temperature performance. Many grades can be critically color-matched and a variety of grades are compliant with regulatory standards. Nymax compounds are available in natural, black or can be custom colored.





Markets and End-Use Applications

Nymax nylon compounds are ideal for applications in a wide range of markets including:

Transportation

Door hardware, under-hood components

Consumer

Durables, power tool housings, components

Electrical/Electronic

Business and equipment housings, enclosures, electrical hardware

Industrial

Window and door hardware, industrial hardware

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