



As a structural material, Nycon's reinforcing fibers allow products to withstand the forces of nature for decades. Now, with NyconG-Plus fibers, your products are kinder to nature than ever before. In addition to superior three-dimensional fiber reinforcement, NyconG-Plus provides an environmentally sound choice for globally responsible, truly sustainable construction.

Proven effective in countless applications, NyconG-Plus fibers are made from 100% recycled nylon from reclaimed carpet. For years little has been done with carpet waste besides throwing it away. Today, thanks to an advanced patented technology, Nycon "harvests" carpet waste, much like an agricultural asset. Carpet once taken to landfills is now a resource for producing our proprietary, high-value reinforcing fibers. And more than just conserving landfill space, recycling carpet saves water and reduces carbon dioxide emissions that contribute to global warming.

Along with outstanding performance properties at reduced cost, NyconG-Plus fibers provide a further incentive to "go green" : They facilitate the process of obtaining project certification by the U.S. Green Building Council's LEED Program, as well as provide tax credits to architects and owners.

"Green" is not a cliché and climate change is serious business. Everybody and everything can make a difference in the Green Revolution, and Nycon is committed to making a difference. We do this by reducing our reliance on scarce resources, extending the useful life of our reinforcing products--and now, with environmentally friendly NyconG-Plus fibers, reducing energy use, greenhouse gas emissions, and landfill waste.

NyconG-Plus Physical Properties

Designed specifically for concrete reinforcement, NyconG Plus is a well-graded blend of nylon fibers (.75" to micro length) made from 100% reclaimed carpet. NyconG-Plus is NyconG but with the calcium carbonate removed. The nylon fiber from post-consumer and post-industrial carpet serve to produce NyconG-Plus' high-performance product reinforcement.

NyconG-Plus Performance Characteristics

- Three-dimensional, uniform reinforcement
- Reduced segregation in the mix
- Stronger than polypropylene fibers
- Unlike polypropylene, will not float to the surface
- Eliminate need for steel wire and mesh reinforcement in some applications
- Corrosion-free
- Virtually unnoticeable in finished products
- Withstand temperatures up to 491 °F (255 °C)
- Satisfy AC32 requirements
- Overall improvement in integrity and soundness

The One Source for All Your Fiber-Reinforcing Needs

Specifiers, producers and precasters have a choice of fiber-reinforcing solutions when they do business with Nycon. Along with NyconG-Plus, we offer a complete line of fibers for product reinforcement, including nylon, polypropylene, fiberglass, PVA, PET, cellulose, steel and synthetic/steel blends. And, to insure our solutions are utilized to best advantage, our engineering consultants assist specifiers in the design, specification, and production of Nycon-modified products.

For more information, or to place an order call toll-free 800.456.9266 or email us at nycon@nycon.com

