

## DESCRIPTION

Ny-Pro is a fine denier monofilament micro fiber manufactured from nylon. Ny-Pro fibers are primarily used as plastic shrinkage crack-control reinforcement in concrete.

## APPLICATIONS

- Slabs-on-ground
- Precast
- Dry package cement-based products

## PHYSICAL PROPERTIES

Material	Nylon
Specific Gravity	1.16
Alkali, Salt, and Acid Resistance	High
Melting Point	490°F (260 °C)
Electrical Conductivity	Low
Standard Length	0.75 in (19 mm)
Other Available Length	0.25 in (6.4 mm)

## FEATURES & BENEFITS

- Plastic shrinkage crack control
- Plastic settlement crack control
- Uniform distribution
- Excellent finishability
- Reduces permeability, thus increasing freeze-thaw durability
- Increases concrete durability - including impact and abrasion resistance and fatigue strength

## MIXING INSTRUCTIONS

Ny-Pro is packed in degradable bags. Ny-Pro can be preloaded in empty ready-mix drums or added anytime during or after concrete is batched. Mix for 5 minutes at full charging speed (75-100 revolutions) to ensure complete dispersion of fibers.

## GENERAL SPECIFICATIONS

The standard dosage rate is 1.0 lb/yd<sup>3</sup>. Ny-Pro should be added per project specifications or engineer's instructions.

## PACKING & SHIPPING

Ny-Pro can be packaged in 0.50 lb to 30.0 lb bags or boxes. Depending on the size of the order, the pallets will range between 648 and 1,080 lb. Pallets and boxes are labeled with the fiber technology and bag weight.

Store material in a dry environment. Avoid storing in direct sunlight.

In-House Professional Engineers are available for product specification guidance and design support. FiberForce Territory Managers are available for on-site support and guidance related to any FiberForce technologies.

## PRODUCT APPROVALS & COMPLIANCE WITH INDUSTRY STANDARDS

- ASTM C1116: Section 4.1.3 Type III and Note 2
- ICC ES AC32 Section 3.1.1
- ICC ES AC32 Section 3.1.2



### WARRANTY AND LIMITATION OF LIABILITY

As used herein, the term "FiberForce" shall refer to FiberForce by ABC Polymer Industries, LLC and its subsidiaries.

The terms of FiberForce's invoices shall be governed by and construed in accordance with the laws of the State of Alabama.

FiberForce's fibers are intended to reduce plastic shrinkage cracking. FiberForce's fibers should not be used as structural reinforcement. FiberForce by ABC Polymer Industries, LLC warrants that the product sold hereunder is of merchantable quality and conforms to the seller's standards and specifications. The seller's sole liability for claim shall be limited to replacement of defective or non-conforming product. In no event shall the seller be liable for any special, incidental, consequential, or exemplary damages. FiberForce by ABC Polymer Industries, LLC recommends that each user determine the suitability of the product(s) for their particular application.

FiberForce engineering and sales personnel are available to assist in selecting the appropriate fiber for a given specification / application. Said personnel will provide an overview of anticipated performance based upon experience and testing data. FiberForce personnel will provide recommendations, but are not the final arbiters on design. FiberForce personnel will provide on-site support where our products are utilized and when deemed necessary, but will not participate in the supervision of any project. FiberForce's responsibility is to support our customers and to provide our customers with the best materials and assistance in marketing these products.

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