

NY-LOK™ FIBER

NYLON FIBER REINFORCEMENT

PRODUCT INFORMATION

PRODUCT DESCRIPTION:

NY-LOK™ Concrete Fibers are designed to control early cracking in concrete caused by plastic shrinkage, plastic settlement, thermal expansion, and contraction. NY-LOK™ Concrete Fibers offer excellent finishability that will save time and reduce labor costs.

NY-LOK™ Concrete Fibers meet the requirements of ASTM C1116/C1116M “Standard Specification for Fiber-Reinforced Concrete” and the requirements of ICC ES AC32 Sections 3.1.1.

PRODUCT BENEFITS:

- Excellent finishability
- Reduces plastic shrinkage cracks
- Provides three-dimensional strength
- Provides shatter and impact resistance
- Always positioned properly when mixed according to ASTM C94
- Improves toughness and durability
- Excellent freeze/thaw durability
- Reduces permeability

PHYSICAL PROPERTIES:

Specific Gravity.....	1.16	Typical Denier	7
Melt Point.....	490-510° F (254-266° C)	Water Absorption	4-5%
Thermal Conductivity.....	Low	Alkali & Acid Resistance	Excellent

Available Fiber Cut Lengths: ½”, ¾”, and 1½”

GUIDELINES FOR USE:

ADDITION RATE:

NY-LOK™ Concrete Fibers are typically added at a dosage rate of 1 lb./cubic yard (0.60 kg/cubic meter). Other dosages may be acceptable, depending on the application and local specifications and practices.

MIXING, PLACEMENT AND FINISHING:

NY-LOK™ Concrete Fibers are packaged in premeasured, ready-for-use, degradable bags, designed to be introduced into the mix at any time before, during, or after batching. Please follow the proper mixing procedure as specified in ASTM C94.

Standard practices detailed in ACI 302 for placing, finishing, and curing concrete should be followed when using **NY-LOK™** Concrete Fibers.

PACKAGING:

NY-LOK™ Concrete Fibers are available in a variety of packaging options. The standard bag size is 1 lb. Bags are packaged in durable boxes and are palletized and stretch-wrapped with corner boards to prevent damage from shipping and handling.

ENGINEERING SPECIFICATION:

Use only NY-LOK™ Concrete Fibers specifically engineered and manufactured for use in concrete as secondary reinforcement. NY-LOK™ Concrete Fibers are used for the control of cracking due to drying shrinkage, thermal expansion and contraction, lowered permeability, increased impact, abrasion, and shatter resistance. NY-LOK™ Concrete Fibers comply with applicable building codes and ASTM C1116 Type III, 4.1.3 as manufactured by Fabpro Oriented Polymers LLC, 701 E. Avenue A, Kingman, Kansas, USA, 67068.

WARRANTY AND LIMITATION OF LIABILITY:

Product sold hereunder is of merchantable quality and conforms to the seller's standards and specifications. Seller's sole liability for claim shall be limited to replacement of defective or nonconforming product. In no event shall the seller be liable for any special, incidental, consequential, or exemplary damages. Fabpro recommends that each user determine the suitability of the product for his own particular application.