

Product Information

NY-LOK™

Nylon Fiber Reinforcement

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

NY-LOK™ Concrete Fibers are available in pre-measured "ready for concrete" degradable bags, delivering tens of millions of fibers evenly throughout the concrete, resulting in a smooth, non-hairy surface.

TYPICAL APPLICATIONS

- Shotcrete and Pool Construction
- Slab on Grade
- Sprayed and Plastered Cement
- Precast Units and Slip Form Curbs
- Decorative Concrete



MAJOR BENEFITS

- Excellent Finishability
- Reduces Plastic Shrinkage Cracks
- Provides 3-Dimensional Strength
- Always Positioned Properly when mixed according to ASTM C94.
- Improves Toughness and Durability
- Provides Shatter and Impact Resistance



†PHYSICAL PROPERTIES

Specific Gravity.....	1.16
Denier Range.....	2-7
Melting Point	490-510°F
Alkali & Chemical Resistance	Excellent
Water Absorption.....	4-5%
Color	Natural

MANUFACTURER'S RECOMMENDATIONS:

NYLOK™ Concrete Fibers should be added at a dosage rate of 0.1% by volume, unless otherwise specified. **NYLOK™** Concrete Fibers are packaged in pre-measured, ready for concrete, degradable bags, designed to be introduced into the mix at any time before, during or after the Ready-Mixed Concrete. PGI recommends proper mixing procedures as specified in ASTM C 94 for even fiber disbursement.

DOSAGE RATES: Nylon fibers 1.0lbs./Yd³ (0.6 kg m³)

PLACEMENT AND FINISHING:

PGI recommends that the standard practices detailed in ACI 302 for placing, finishing and curing concrete be followed when using **NY-LOK™** Concrete Fibers.

PGI hopes the information given herein is helpful. All information is based on test data and knowledge considered to be true and accurate, and is offered for the user's consideration, investigation and verification.

ARCHITECTURAL SPECIFICATION:

Use only nylon reinforcing fibers specifically engineered and manufactured for use in concrete as secondary reinforcement. Fibers are for the control of cracking due to drying shrinkage, thermal expansion and contraction, lowered permeability, increased impact, abrasion and shatter resistance. Fiber manufacturer must be in compliance with applicable building codes and ASTM C-1116, Type III, 4.1.3 Fibrous concrete reinforcement as manufactured by Polymer Group, Inc., 701 E. Ave. A, Kingman, Kansas 67068. Phone: (800) 821-4391, Fax: (620) 532-2571.

†WARRANTY AND LIMITATION OF LIABILITY:

Product sold hereunder is of merchantable quality and conforms to 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 seller be liable for any special, incidental, consequential, or exemplary damages. PGI recommends that each user determine the suitability of the product(s) for their own particular application.

PGI Performance Concrete Fibers
Customer Service: (800) 821-4391

WESTERN DIVISION
Clearfield, UT 84016

CORPORATE DIVISION
Kingman, KS 67068

EASTERN DIVISION
Guntown, MS 38849