

NYTECH[®] CG

Performance Concrete Fibers

Nytech[®] CG (Commercial Grade) Nylon monofilament fibers reduce early plastic shrinkage cracking and provides multi-dimensional secondary reinforcement that cannot be achieved with WWF.

Nytech[®] CG fibers improve long term durability as well as quantifiable engineering properties. **Nytech[®] CG** fibers will always be positioned correctly with millions of fibers dispersed evenly throughout the concrete.

Nytech[®] CG fibers conform to ASTM C 1116, ICC-ES AC32, and numerous Federal, State and Local Codes.

Benefits:

- CG Fibers provide 3-Dimensional reinforcement
- Provides plastic shrinkage crack reduction
- Provides secondary/temperature - shrinkage crack reduction
- Easily finished with non-hairy concrete
- Significant time and labor cost savings over WWF
- Improves overall durability of the concrete
- Easier to pump without equipment clogs
- Greater fatigue strength and Impact resistance than WWF
- Reduces Permeability

Applications:

- Commercial, Industrial, Warehouse and Residential Slabs-on-ground
- Decorative Concrete
- Shotcrete
- Precast Concrete
- Composite Elevated Decks

General Specification:

Nytech[®] CG is a monofilament nylon that meets the requirements of ASTM C - 1116, Section 4.1.3 and Note 3. Additionally **Nytech[®] CG** meets ICC ES AC32 Section 3.1.1 (Plastic Shrinkage Reinforcement) and Section 3.1.2 (Secondary/Temperature – Shrinkage Reinforcement). The standard dosage rate to meet this specification is 1.0 lbs / yd³ (0.6 kg / m³). **Nytech[®] CG** is marketed by NMW, Inc., 6553 West 400 North, Greenfield, IN 46140. Phone: (800)253-4237, Fax: (317)891-1019.

Installation:

Nytech® CG fibers are packaged in pre-weighed paper/degradable bags that are added to the mix at the batch plant. To ensure even fiber disbursement, do not add concurrently with cement. If added after all the standard ingredients, then continue to mix for an additional 3 – 5 minutes.

Normal Dosage rate for **Nytech® CG** fibers is 1 pound / yd³ of concrete.

Packaging:

Standard Packaging for **Nytech® CG** fibers is:

1lb bags	30 bags / box, 36 boxes/skid
5lb bags	6 bags / box, 36 boxes/skid

Optional Packaging:

9lb bags*	3 bags / box, 36 boxes/skid
10lb bags*	3 bags / box, 36 boxes/skid

*Additional Charges Apply

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

Shipping Policy:

NMW, Inc. utilizes multiple shipping points around the country and can have products virtually anywhere in the US in 1 - 2 days.

All LTL shipments/deliveries are fob plant.*

*Some exceptions apply

Limitations:

Nytech® CG fibers are intended to reduce plastic shrinkage cracking and provide secondary/temperature-shrinkage reinforcement. **Nytech® CG** should not be used as structural reinforcement. NMW, Inc. warrants that the 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 non-conforming product. In no event shall seller be liable for any special, incidental, consequential, or exemplary damages. NMW, Inc. recommends that each user determine the suitability of the product(s) for their own particular application.



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