

# FIBERMESH®

## ENGINEERING REPORT 1602 / ASTM D7508 Compliance

### DID YOU KNOW?

Fibermesh Chattanooga Manufacturing Site:

- 5 consecutive years of world class DPMU (Defects per Million Unit under 300)
- Awarded Best Safety by the Chattanooga Regional Manufacturing Association in 2013
- ISO Certified Facility since 1994 (over 20 years).
- 2015 finalist for Company of the Year Award presented by the Tennessee Manufacturers Association

**It is not just fiber for concrete, it's FIBERMESH!**

### Quality Control Program Synthetic Fibers

For over 35 years Chattanooga Tennessee USA has been the manufacturer site for Fibermesh products. The Fibermesh manufacturing team led in the development of the ASTM D7508 quality testing standard for polyolefin fibers intended for concrete reinforcement. ASTM D7508 is referenced in ASTM C1116 *Standard Specification for Fiber Reinforced Concrete* for product conformance. The ASTM D7508 specification was actually derived from standard testing that was being conducted on the uncut strands used to make Fibermesh and Novomesh products.

ASTM D7508 details specific testing, measures, calculations, and acceptable tolerances for the fibers intended for concrete. These measures include fiber size, length, tensile, tenacity, modulus, and even finish levels applied to the surface of the fibers. Full compliance to ASTM D7508 assures the customer that a specific level of requirements for the fibers has been met. These detailed requirements help protect against fibers made for another product or process (substandard quality) being used in a concrete application. All Fibermesh and Novomesh products that contain polyolefin fibers fully comply with ASTM D7508. *Quality Certificates of Conformance* are available upon request for all Fibermesh brand products.

The Chattanooga based manufacturing plant has its own certified testing laboratory with state of the art testing equipment with qualified technicians who have been testing the Fibermesh supply yarns and fiber for more than two decades. All production processes are verified to be within processing parameters twice per shift; and all products are verified and tested to be with product specifications every shift.

The Chattanooga Manufacturing Plant complies with other code bodies; Underwriter Laboratories, ISO, and EN Code. All of these code bodies execute multiple on-site inspections, audits, and even product verification. Fibermesh also participates in development of industry standards and maintains memberships in multiple associations that are very important to the industry.



Fibermesh • 4019 Industry Drive • Chattanooga, TN 37416 • ORDEREXPRESS@PROPEXGLOBAL.COM  
NORTH AMERICA: +1.800.621.1273 • EUROPE: +44.1246.564200 • AUSTRALIA: +61.0.2.9965.3792 • LATIN AMERICA: +1.813.285.2287

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