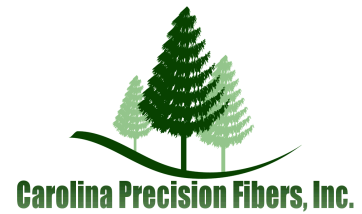


Carolina Precision Fibers

Sustainable functional recycled cellulose fibers



Traditional uses for recycled cellulose fibers have been based on thermal performance as an insulation alternative to fiberglass in attics and sidewalls. Key attributes include thermal performance, sound & noise reduction and fire resistance.

Cellulose fibers are also used in mulch, hydro-seeding and are now being used as an additive in asphalt for roads and highways.

Our Specialty Fibers group works to explore and develop new uses for our cellulose fibers, improve our utilization and bring specialty fibers to our customs. Specialty cellulose fibers can improve formulation costs, provide a *sustainable* product alternative that improve functionality, or at least provides the same functionality, at a lower formula cost.

Beyond the thermal and insulating properties, cellulose fibers have other defined functional properties. These properties allow cellulose fibers to be used in many applications as a specialty fiber or functional ingredient.



BENEFITS AND FEATURES FOR CONSIDERATION

- Chemical resistance
- Insolubility
- Viscosity & sag control
- Shrinking & cracking control
- Increased strength
- Improved workability
- Extended coverage / bulk
- Lightweight
- Texturing aid
- Improved dimensional stability
- Alternative to synthetic fibers
- Alternative to asbestos fibers
- Green / recycled product
- Sustainable alternative

Carolina Precision Fibers
145 Factory Street
Ronda, NC 28670

336-527-4140, Office
336-527-4145, Fax

www.carolinafibers.com

Product specifications will vary for each product and for each specialty application. The values below are typical estimates provided for reference only.



Typical Specification	Average result
Fiber, %	80+ %
Particle size	medium
Color	grey
Fiber diameter	~ 40 microns
Ash, %	13—22 %
pH	± 7.5
% retained 100 micron screen	± 70 %

Markets for Functional Specialty Cellulose Fibers

Absorbents for spill control

Animal bedding

Fiber reinforced cement

Fiber composite sheets

Mortars / Grouts / Mastics /

Joint Compounds /

Caulks / Sealants

Friction brakes / clutches

Thermoplastics



Cellulose fibers are highly functional cost effective alternatives for many additives used today.

Cellulose fibers from recycled paper products can provide a green sustainable alternative in your formulation with improved functionality and an improved formulation cost.

Carolina Precision Fibers
Your choice for specialty cellulose fibers.

Contact us today with your specification needs.
Call us at 866-476-3278 or send us an email:
info@carolinafibers.com