

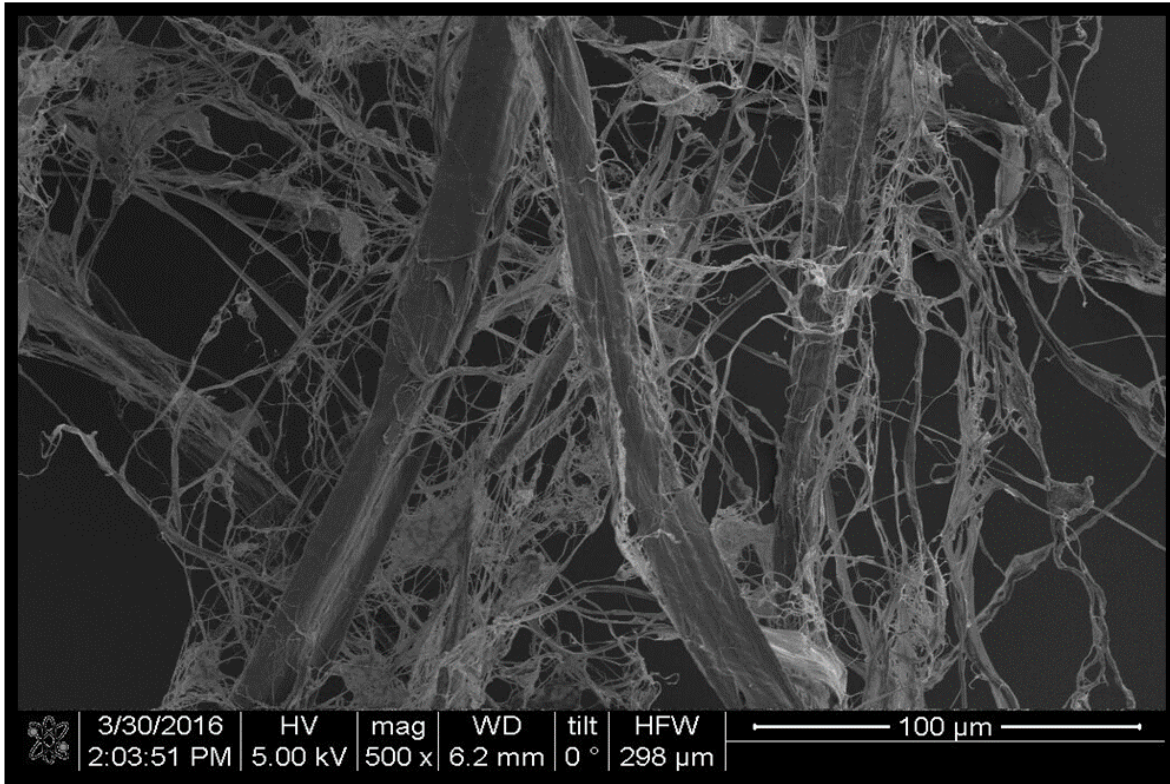


making great materials better

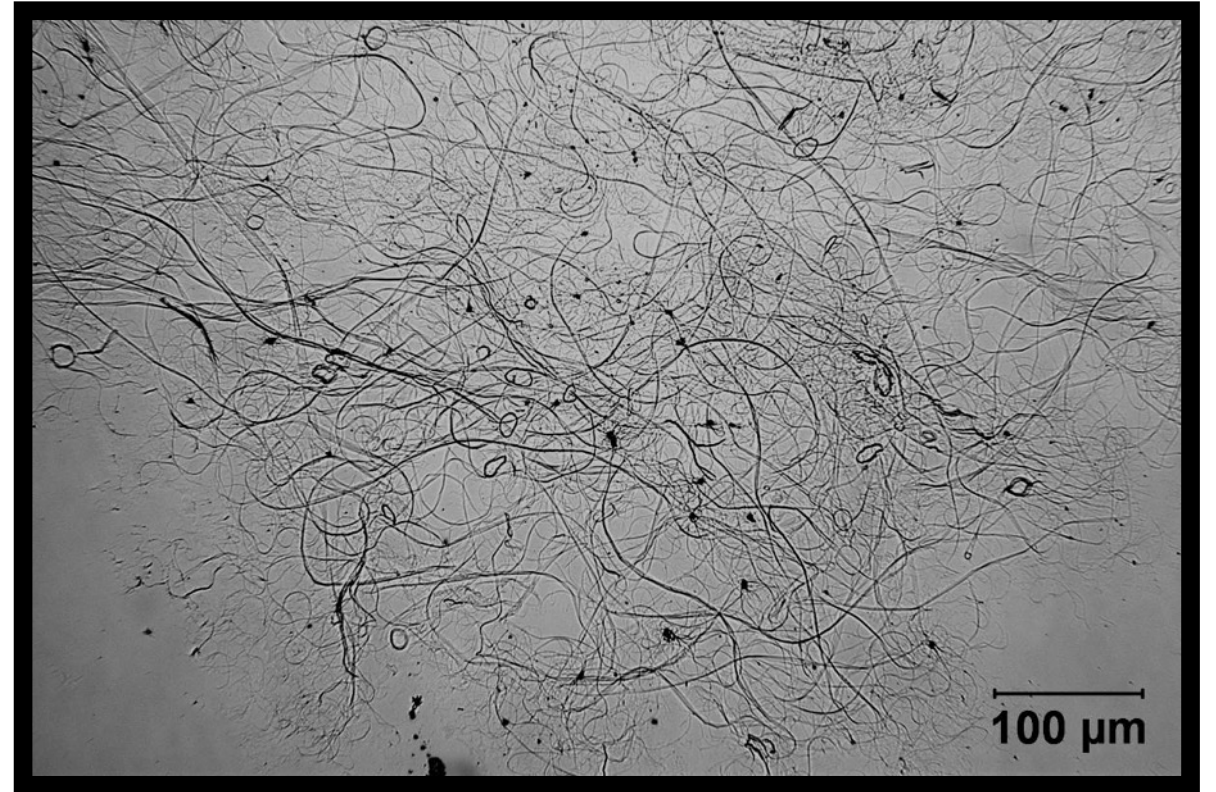
GC3 Technology Showcase



NFC Material Characteristics



Kraft “parent” fiber with NFC nano-fibrils




NFC fibrils at nano-scale widths

- NFC nano-scale fibrils are 80-300 nm in width X 100-500 μm length.
- Ultra-high aspect ratio of 800-1200 L/D and surface area of 80 m²/g

Application Areas

A close-up photograph of a grey, textured concrete surface.


concrete
& mortars

A close-up photograph of a nonwoven material with a fibrous, orange-brown texture.

nonwoven
materials

A close-up photograph of several blue, spherical droplets of varying sizes, representing industrial fluids.

industrial
fluids

A close-up photograph of a green, porous, interconnected network structure, representing polymer materials.

polymer
materials

Path to Commercialization



Laboratory and pilot scale samples available now

Finalizing engineering design of commercial facility

Develop offtake / sales agreements

Next Steps

Meet new users in existing applications

Meet partners for new applications