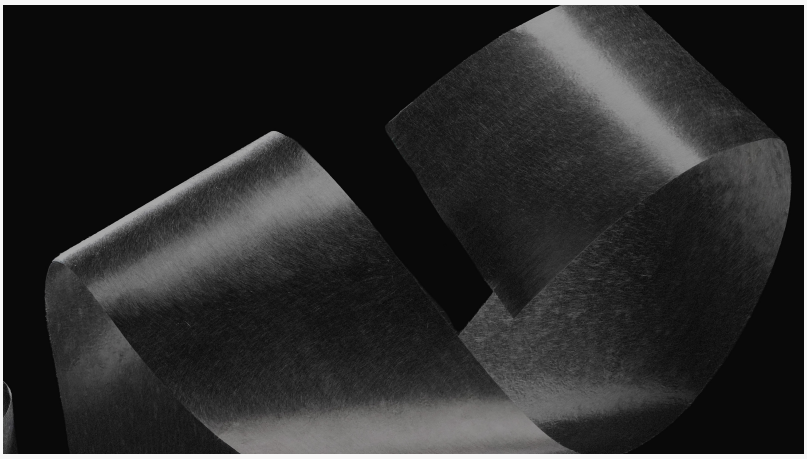
Carbon Fiber Recycling and James Cropper Advanced Materials Shortlisted for CAMX 2026 Innovation Award

UNIMAT™, produced with recycled carbon fiber supplied by CFR, has been shortlisted for the CAMX 2026 Unsurpassed Innovation Award.



Unimat™, Aligned Nonwoven made from Recycled Carbon Fiber

TAZEWELL, TN, UNITED STATES, September 15, 2026 / EINPresswire.com/ -- Carbon Fiber Recycling, LLC (CFR) announced that UNIMAT™, developed by James Cropper Advanced Materials, and featuring CFR's recycled carbon fiber, has been shortlisted for the CAMX 2026 Unsurpassed Innovation Award.

The nomination recognizes a circular supply chain already running at industrial scale. CFR recovers carbon fiber from dry fiber, prepreg, and cured composite waste at its continuous-flow plant in Tazewell, Tennessee. James Cropper Advanced Materials then uses VECTIS™ alignment technology to turn that fiber into UNIMAT™, a highly aligned discontinuous carbon fiber material for high-performance composites.

> We recover the fiber from pre-pregs and cured composite items in clean virgin-like quality in our recycling systems. James Cropper Advanced Materials aligns it”
>
> *Doug Griffin*

“Shortlisting UNIMAT shows recycled carbon fiber can be a specification material, not a downcycle,” said Doug Griffin, CEO of Carbon Fiber Recycling. “We recover the fiber from pre-pregs and cured composite items in clean virgin-like quality in our recycling systems. James Cropper Advanced Materials aligns it for demanding structural composite parts. That same recovered fiber also goes into concrete, milled grades, and other non-woven applications. Our Tazwell TN facility produces consistent quality fiber for multiple markets. We’re honored to have made it to the CAMX shortlist of innovative companies alongside James Cropper Advanced Materials in 2026."

CFR's commercial product line includes:

- rCF for plastic-shrinkage crack control in ready-mix and precast concrete
- 24mm rCF for concrete, mortar, asphalt, and nonwovens
- 6 mm rCF for composites and coatings
- Milled rCF for compounding, BMC, coatings, injection molding, and 3D printing

CFR cites more than 99% CO reduction versus virgin PAN carbon fiber production, at a lower cost than virgin fiber.

The CAMX Unsurpassed Innovation Award honors technologies that combine technical novelty with commercial viability. The award will be presented at CAMX 2026.

About Carbon Fiber Recycling

Founded in 2018 in Tazewell, Tennessee, CFR operates a continuous-flow carbon fiber recycling plant. The company accepts dry fiber, prepreg, and cured composites and sells clean recycled carbon fiber for concrete, milled and pelletized compounds, CFRP, and nonwovens.

Web: www.carbonfiberrecycling.com

About James Cropper Advanced Materials

James Cropper Advanced Materials develops high-performance nonwoven and engineered fiber solutions for aerospace, transportation, energy, and industrial markets.

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