

Sustainability Beyond Lightweighting – Avient Features Recycled Content Composites at CAMX 2022

CLEVELAND – October 10, 2022 – Avient Corporation today announced it will highlight its breadth of composite solutions, including new materials formulated with recycled content, at the upcoming Composites and Advanced Materials Expo (CAMX).

Featured at CAMX is a new formulation of **Polystrand™ continuous fiber reinforced thermoplastic composites** made from greater than 95% post-consumer recycled PET (rPET) resin. Available in unidirectional tapes and multi-axial laminates, this extends the Polystrand portfolio into recycled content solutions. Applications ranging from trucking and trailers to pipeline reinforcement benefit from the light weight, high strength, and impact resistance of continuous glass fiber reinforced rPET. Performance is on par with standard PET formulations using virgin resin.

Avient is committed to helping customers meet their sustainability goals in various ways through its composites portfolio. Composites are inherently lighter weight alternatives to metal and other materials, enabling sustainability initiatives such as material reduction and fuel economy improvements in many end products. Now, with new recycled-content offerings, Avient further supports a circular economy and helps customers lessen their environmental footprint.

Avient will also highlight composite materials and engineered fiber solutions that offer high strength, weight reduction, and corrosion resistance for products across a broad range of industries and markets:

Thermoplastic Composites:

- Polystrand™ continuous fiber reinforced unidirectional tapes and multi-axial laminates
- Hammerhead™ Marine Composite Panels – structural solutions to replace wood and other materials in boat building applications
- Polystrand™ structural sandwich panels

Thermoset Composites:

- Gordon Composites™ continuous glass and carbon fiber barstock, laminates, and composite springs, including springs for high-temperature industrial applications
- Gordon Glass™ archery bow limbs
- Glasforms™ pultruded rods, tubes, and custom profiles

Engineered Fiber Solutions:

- Fiber-Line™ engineered high-performance fibers, including coated, twisted, and custom wound aramid, glass, carbon, HMPE, and LCP fibers
- Fiber-Line™ pultruded rods and custom extrusion-coated rods and fibers

Avient is exhibiting in Hall C, Booth U32 at [CAMX](#) in Anaheim, California, from October 18-20, 2022.

Learn more about Avient's Advanced Composites and Engineered Fiber product portfolios [here](#).

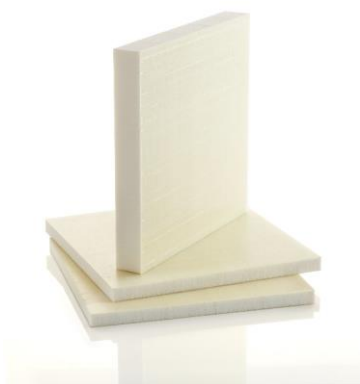
About Avient

Avient Corporation (NYSE: AVNT) provides specialized and sustainable material solutions that transform customer challenges into opportunities, bringing new products to life for a better world. Examples include:

- Unique technologies that improve the recyclability of products and enable recycled content to be incorporated, thus advancing a more circular economy
- Light-weighting solutions that replace heavier traditional materials like metal, glass, and wood, which can improve fuel efficiency in all modes of transportation and reduce carbon footprint
- Sustainable infrastructure solutions that increase energy efficiency, renewable energy, natural resource conservation and fiber optic / 5G network accessibility

Avient is certified ACC Responsible Care®, a founding member of the Alliance to End Plastic Waste and certified Great Place to Work®. For more information, visit www.avient.com.

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Hammerhead™ Marine Composite Panels



Caption: Polystrand™ structural composite panels



Caption: Fiber-Line™ engineered carbon fiber



Caption: Polystrand™ unidirectional composite tape



Caption: Glasforms™ carbon fiber reinforced pultrusions

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