Carbon fibers combined with vinyl ester or epoxy resin create a composite material that, like all composites, has higher performance properties than the individual materials alone.

FIBER + RESIN = COMPOSITE

Compared to steel, carbon fiber composites are:

- **10X** stronger
- **5X** lighter
- **Density** 1.55 g/cm³

**STRENGTH, LIGHTWEIGHT ALTERNATIVE TO METAL**

**BUST THE RUST**
Carbon fiber composites are inherently corrosion resistant, making them ideal for harsh outdoor applications.

**TAKE THE HEAT**
Carbon fiber composites have excellent dimensional stability to withstand extreme temperatures and conditions.

**MEET YOUR NEEDS**
Avient customizes composite materials to meet your specifications, from specialty surface treatments to finishing operations.

**FIBER + RESIN = COMPOSITE**

**MOVE OVER METAL**

Archery bow limbs, risers, cable guards, arrows

Automotive chassis components, body panels

Medical splints, braces, orthopedic fixators

Concrete reinforcement, infrastructure repair

**Avient’s Glasforms™ and Gordon Composites™** carbon fiber composite materials consist of thermoset continuous fiber polymer rods, bars, laminates and custom shapes used in a variety of applications that require superior technical characteristics.

For more details including technical information, download the product bulletin.