

About us

OMNIA PRODUCTS is located in Oxford, NC. Our focus is providing specialty services to the fibers industry. These services include application of standard or specialty sizings, chopping, and/or rewinding of fibers. At OMNIA PRODUCTS we strive to assist you in timely new product development activities and/or as a supplier of key fiber materials. We support applications ranging from consumer, industrial, military, aerospace and nuclear industries.

Products and Services

OMNIA PRODUCTS provides coating and chopping services for short run specialty application requirements as well as high volume standard products for major fiber producers. We also import specialty fibers. Below are examples of materials in which we apply coatings and/or chop. All materials can be coated and rewound or coated and chopped. Chopped materials typically range from 0.20" to 1". Examples of materials commonly processed are the following:

- Glass (S2, E2, etc.)
- Quartz
- Carbon (3 k–24 k)
- Carbon, nickel coated
- Polyethylene mesh

Customer applications include insulation materials (glass), die casters (quartz), compounds (carbon and nickel coated carbon), conductive paints (nickel coated carbon), conductive flooring (nickel coated carbon), and nuclear water filters (polyethylene mesh).

Industries Served



Aerospace



Molding



Nuclear



Military

Sizing/Coating

Materials

- **Latex**
- **PVA**
- **Polyurethane**
- **PEEK compatible**
- **Polyimide**
- **Teflon**

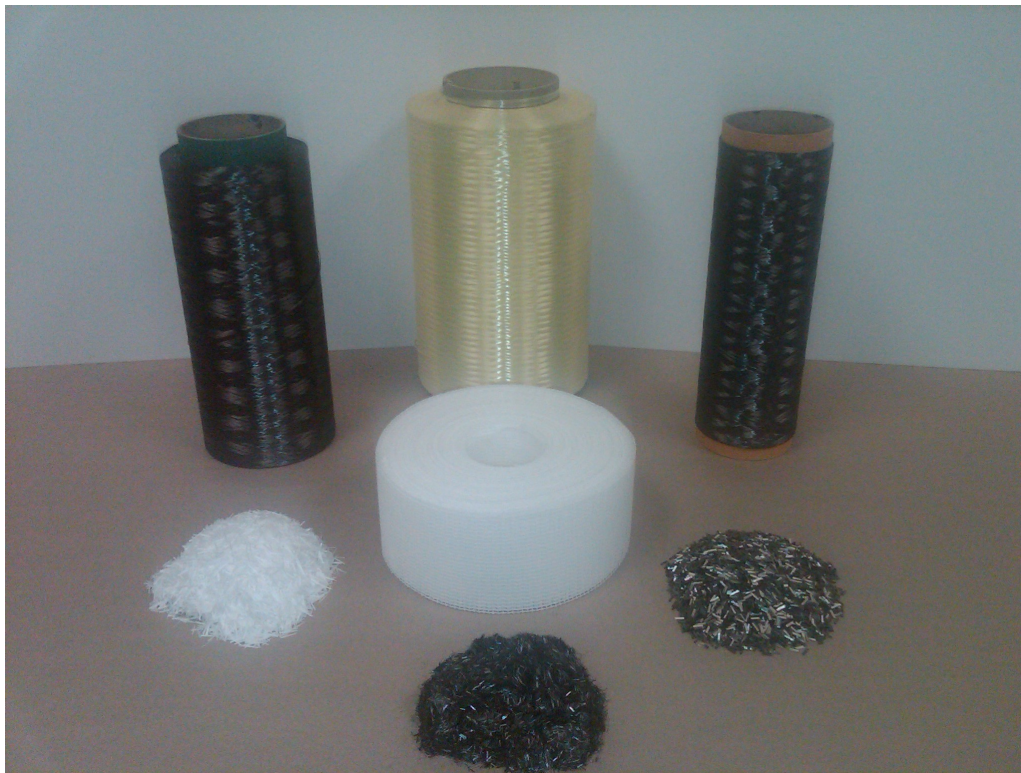
All sizings/coatings can be applied in ranges from approximately 0.5–20% by weight. Trial runs of a few pounds to several hundred pounds.

Chopping

All materials can be chopped to length in cut lengths ranging from 0.020" (0.5 mm) to 1" (25 mm). Chopping can be performed on coated fiber or dry. Quantities from a few pounds to tons.

Specialty Services

We have a network of partners to assist in providing specialty services to support your product requirements. These include custom weaves and fabric coatings, plasma treatments, and importing of specialty fibers.



For Further Information Call: 919 514 3977