



## Carbon Fiber Remanufacturing

Converting Post Industrial Carbon Fiber to New Product

**PAN Carbon Fiber (Polyacrylonitrile), *Pre-Ox*  
Excess industrial grade material  
Precision Cut Fiber**

**Qualifies for “green certification” as a reclaimed fiber**

**10,000 to 40,000 lbs. / month available  
Ongoing Volume, subject to prior sale**

**Product:** Processed polyacrylonitrile (PAN) fibers stabilized in a high temperature process allowing the finished product to retain their appearance, hand, and textile characteristics after exposure to open flame. This material will not burn, melt, or drip, but will rather char and self-extinguish. These fibers are 60-62% carbon. This is dry fiber. This is not pre-preg.

**Fiber Type:** Staple fiber with precision cut length.

**Manufacturer:** The fiber is produced by world’s primary fiber manufacturers.

**Volume:** 40,000 lbs available per month ongoing. Small lot requests will be considered on case basis.

**Repeating** Buyer may contract for Volume on an ongoing annual or multi-year basis.

**Cut Fiber Specification:** Fiber material can be cut to your order in nominal lengths of 0.125” to 6”

**Crimped Option:** Buyer may order these fibers crimped, 9-12 per inch.

**Typical Properties:**

|                            |              |
|----------------------------|--------------|
| Density, g/cm <sup>3</sup> | 1.25         |
| Denier                     | 1.20         |
| Diameter                   | 12.0 microns |
| Elongation %               | 12.5         |
| Tensile Strength, Mpa      | 265          |
| Modulus, GPa               | 3.5          |

Tests for properties were conducted by North Carolina State University.

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**P.O. Box One, 215 S. Main Street, Whitewater, Kansas 67154 USA**  
**Telephone: 316-799-2166 ~ Fax: 316-799-2877 ~ Web Site: [www.CarbonFiberRemanufacturing.com](http://www.CarbonFiberRemanufacturing.com)**

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Geometry: Geometry of de-compacted material will be typical shown as in attached photos. Fiber diameter is 12.0 microns. Density is 1.25 g/cm<sup>3</sup>. Denier is 1.20 grams.

Samples: Samples may be requested with your courier account and delivery instructions. Specify cut length(s) of sample material requested.

Packing: Material is loose packed in poly lined box, floor loaded or palletized.

Condition: Clean product, post industrial, direct from processing plant. Fibers have not experienced any additional chemical or thermal processing since leaving the producer.

Photos: Product photos may be requested and sent via email.

Restrictions: None. Include general description of your intended general application in your offer to purchase along with the projected volume per month of your desired order.

FOB: Southeast, USA. Supplier will deliver freight.

Availability: September, 2011  
Subject to prior sale.

Terms: TBD

Price: Call for quotation based on cut length, customer requirements and final specifications.

Buyer may contract for all or a portion of the excess material presently stored. Buyer may order test loads of 1 container minimum orders.

Materials are availability subject to prior sale.

For more product and pricing information, contact:

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