

## Phlex Fiber re-Evo HSC

Phlex Fibers re-Evo HSC high strength (standard modulus) chopped carbon fibers are precision cut, short-length fiber materials that can be supplied in various fiber lengths.

### Benefits

- Precision cut for consistency
- Available in “seeded” form to provide increased bulk density and improve flow
- Manufactured from aerospace grade carbon fiber
- Produced in Lake City, SC

### Typical Properties

Property	Value
Bulk Density	Unseeded: 150-250 g/l Seeded: 300-500 g/l
Filament Diameter	7 microns
Moisture	<0.3%
Carbon Density	1.78 g/cm <sup>3</sup>
Sizing Content	1.5% to 3.5%
Appearance	Black Pellets
Tensile Strength, Yield	640 ksi (4,413 MPa)
Elongation at Break	1.7%
Tensile Modulus	33.5 Msi (231 GPa)

**Standard modulus** chopped carbon fiber.

#### Fiber Length Options

- 1/8"      • 1/2"
- 1/4"      • 1"

Fiber length specified by customer.

“**Seeded**” forms are ideally suited for automatic feeding and metering.

Manufactured from reclaimed **aerospace grade** carbon fiber.

#### Packaging

Unseeded: 25 lb. boxes  
Seeded: 48 lb. boxes