

Phlex Fiber re-Evo IMC

Phlex Fibers re-Evo IMC intermediate modulus chopped carbon fibers are precision cut, short-length fiber materials that are reclaimed from a variety of manufacturing processes preventing the landfill disposal of these materials.

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	5 microns
Moisture	<0.3%
Carbon Density	1.78 g/cm ³
Sizing Content	1.5% to 3.5%
Appearance	Black Pellets
Tensile Strength, Yield	795 ksi (5,480 MPa)
Elongation at Break	1.9%
Tensile Modulus	40 Msi (276 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