

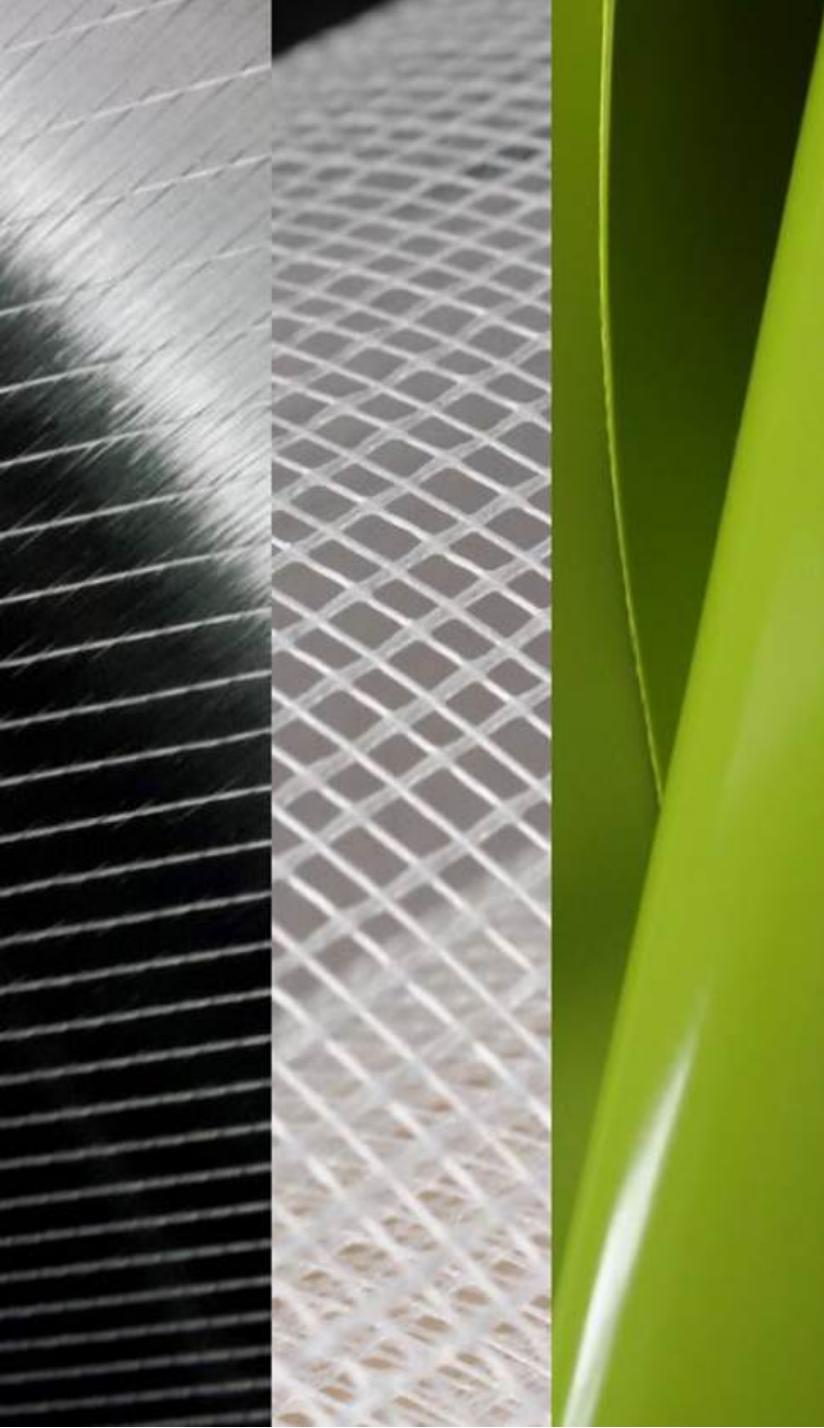
CHOMARAT

free to innovate

Low Cost Carbon Fiber →



CHOMARAT



CHOMARAT Group

Established in 1898

Chomarat NA – 1986

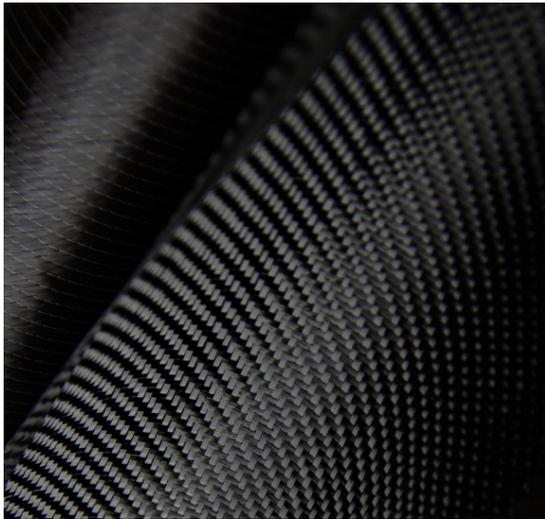
100% family owned

International textile group

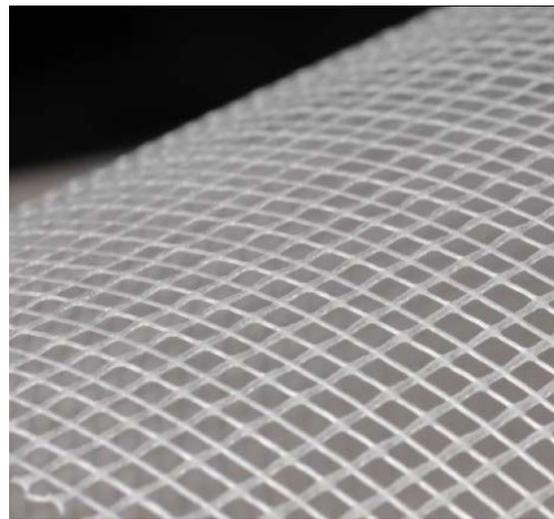
USA, Europe, North Africa, China

108 employees – Chomarat NA

BUSINESSES



Composites
Reinforcements



Construction
Reinforcements



Coatings & Films
Textiles



CHOMARAT WORLDWIDE



Carbon Facility - SC

CHOMARAT NORTH AMERICA

3 sites in Anderson (SC)

-  **Composites** Reinforcements (glass/carbon)
-  **Construction** Reinforcements



CHOMARAT CHINA

1 site in Taicang (Shanghai)

-  **Composites** Reinforcements (glass/carbon)



CHOMARAT FRANCE

3 sites in Ardèche

-  **Composites** Reinforcements (glass/carbon)
-  **Construction** Reinforcements
-  **Coatings & Films - Textiles**



CHOMARAT TUNISIA

2 sites in Grombalia (Tunis)

-  **Composites** Reinforcements (glass)
-  **Garment manufacturing**
-  **Automotive Textiles**

Composites Reinforcements



Large Technology Portfolio: Glass, Carbon & Aramid fiber...

- Woven Fabrics
- Multiaxials (NCF)
- Spread Fabrics
- Tapes & Braids
- Uni-Directionals
- Sandwich reinforcements: **ROVICORE™**

Innovation Leader & Quality Benchmark in carbon reinforcements

Proven Leader in key MARKETS

- Transportation – Automotive, Aerospace
- Energy: Wind – Oil & Gas
- Marine
- Sporting Equipment
- Ballistics (Hard Armor)

What is



Short Answer:

**extremely VERSATILE
reinforcement material for
carbon advanced composites**

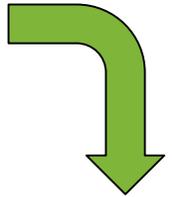
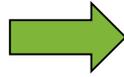
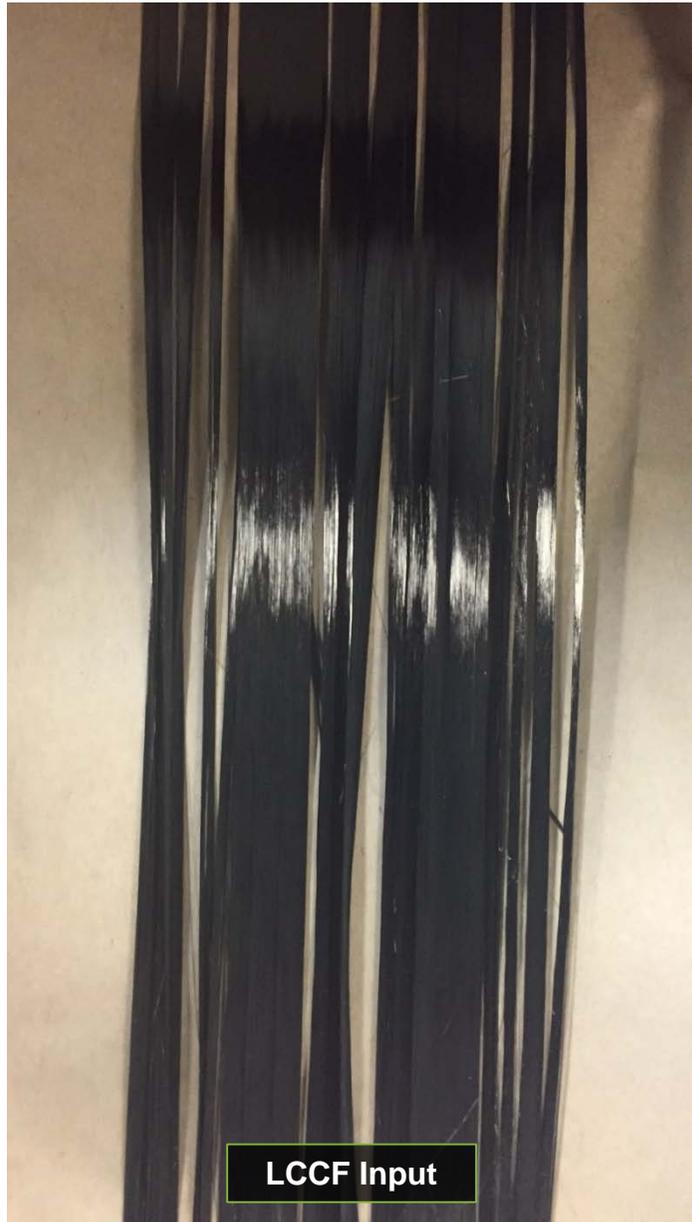
Even Shorter Answer:

UD – properties
Fabric – handling



LCCF Conversion to Fabric (BX240 shown below)

CHOMARAT



Great opportunity for manufacturers to produce Advanced Composites that utilize lower cost fiber input and lower processing costs ... WIN – WIN

C-PLY™ can be a game changer for many businesses

- **Prepreg or direct processing**
- **UD Tape properties**
- **Even higher performance possible (Thin Ply)**
- **High quality with good handling and durability characteristics**
- **Waste reductions for angled plies can be substantial**
- **Better control of fiber angles during lay-up**
- **Reduction of fiber wash with direct processing**



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