

SGL Carbon Innovation with Carbon

Hannover Messe 2019 – Hall 002 Booth A52



Additive manufacturing with carbon and SiC

Advanced ceramics

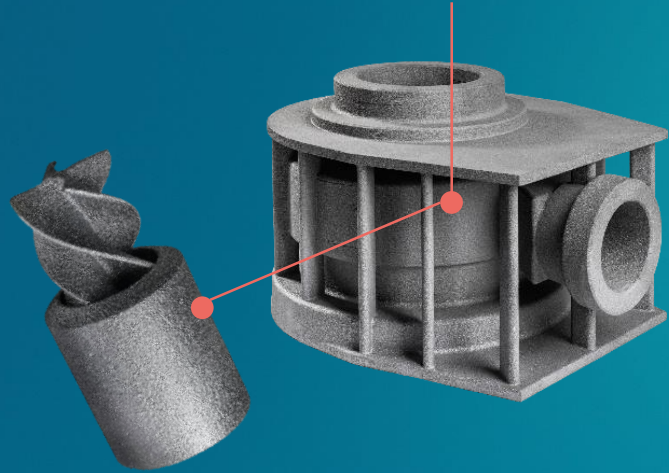
Hybrid materials

- Freedom of design
- Agile manufacturing
- Optimized structures

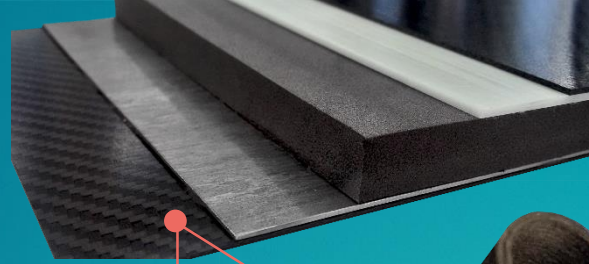
- New material combinations
- Innovative textiles
- Advanced production technologies

- Extraordinary fracture toughness
- Unmet wear resistance
- Outstanding temperature stability

Additive manufacturing with carbon and SiC



- Optimized pump casing
- Static mixer
- Casting core
- Heat exchanger

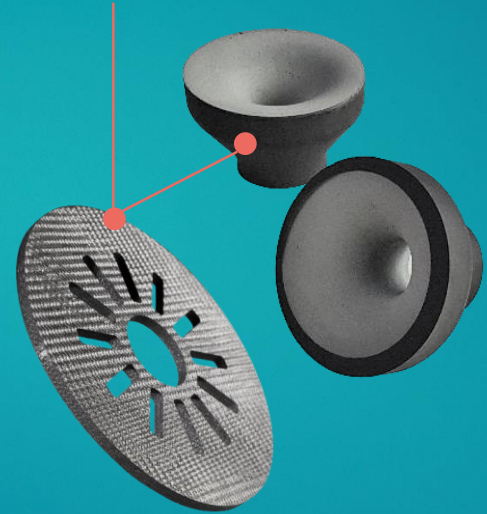


Hybrid materials



- Tubular carbon fiber structure
- Metal-CFRP-composite
- CFRP rebar for concrete reinforcement

Advanced ceramics



- Friction elements
- Cutting tools
- Ceramic coated graphite burner nozzle



SGL Carbon

Company Information



SGL Carbon

We are a technology-based company and world leader in the development and production of carbon based solutions. Our high-quality materials and products made from specialty graphite and composites are used in industrial sectors that shape the future:

automotive, aerospace, solar and wind energy, semiconductors and LEDs as well as in the production of lithium-ion batteries and other energy storage systems. In addition, we develop solutions for many chemical and industrial applications.

Data and facts

12%

Sales increase in 2017

€860m

Sales in 2017

4200

Employees in 2017

34

Sites

100+

Countries

Focus on two business units, each with a high market share, and attractive market growth



Composites – Fibers & Materials (CFM)

- Fibers
- Textiles
- Prepregs
- Composites

Graphite Materials & Systems (GMS)

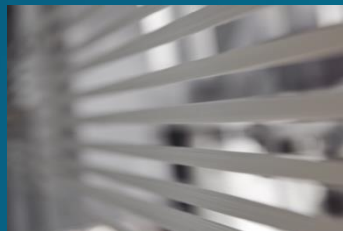
- Blocks and expanded graphite
- Semi finished materials
- Components
- Systems

Corporate Functions

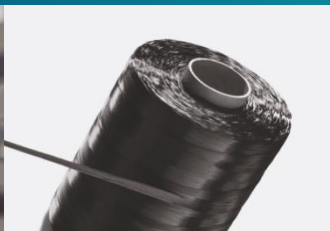
- Central Innovation (CI): Research & Development, growth fields, start-ups
- Central functions & services

Commanding the entire value chain: Advantages in cost, quality and differentiation

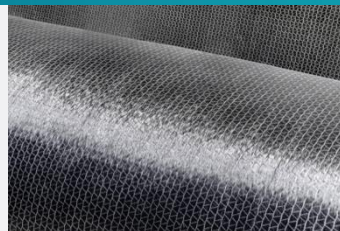
CFM



Raw materials



Intermediate stages



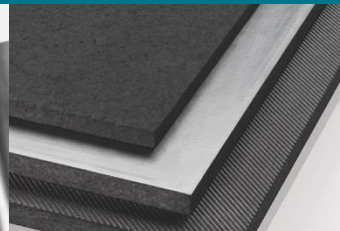
Semi finished
products



Solutions &
components



GMS



- Focus on **customer requirements**
- Tailor-made **solutions**
- Differentiation through **integration**



**More information at
www.sglcarbon.com**