

SGL Carbon serially delivers composite materials for rotor blades to Airbus Helicopters

- Glass fiber textiles for helicopter type H145
- First ever material supply for primary structural components in the aerospace segment

Since August of this year, SGL Carbon delivers two special glass fiber textiles, so-called non-crimped fabrics, for the new version of helicopter model H145 from Airbus Helicopters. These materials are used in the new, especially efficient five-blade rotor. Developed in close collaboration with Airbus Helicopters, the material has been qualified for the application for the next years to come.

Thanks to their unidirectional fiber orientation, the fabrics are extremely resistant, providing optimal support for the new geometry of the especially long H145 rotor blades. The fabrics are manufactured at the SGL Carbon site in Willich near Düsseldorf in a multi-stage process and delivered to Airbus Helicopters in Paris.

“The order emphasizes our growing presence in the aerospace business. With the fabrics for Airbus Helicopters, we have realized, qualified, and started serial production for a material concept for primary structural components for the first time,” underscores Dr. Andreas Erber, Head of the Aerospace segment in the business unit Composites – Fibers & Materials at SGL Carbon.

The current deliveries are part of a framework contract with Airbus Helicopters, intended to gradually intensify collaboration. Besides the current development of materials for helicopter components, Airbus Helicopters and SGL Carbon have worked together in the area of component material processing for Airbus group aircraft doors for years. In addition, Airbus and SGL Carbon are jointly involved in various associations and research projects in the area of components, such as Carbon Composites e.V.

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About SGL Carbon

SGL Carbon is a technology-based company and world leader in the development and production of carbon-based solutions. Its high-quality materials and products made from specialty graphite and composites are used in industrial sectors that determine the future: automotive, aerospace, solar and wind energy, semiconductor and LEDs as well as in the production of lithium-ion batteries and other energy storage systems. In addition, SGL Carbon develops solutions for chemical and industrial applications.

In 2018, SGL Carbon SE generated sales of around 1 billion euros. The company has approx. 5,100 employees at 31 locations in Europe, North America, and Asia.

Materials, products and solutions from SGL Carbon are embedded in the major topics of the future: sustainable mobility, new energies and cross-industry digitization. Further developments in these areas demand more intelligent, more efficient, networked and sustainable solutions. This is where the entrepreneurial vision of SGL Carbon evolves around: contributing to a smarter world.

Further information on SGL Carbon can be found at www.sglcarbon.com/press.

Important note:

To the extent that our press release contains forward-looking statements, the latter are based on information that is available at present and on our current forecasts and assumptions. Forward-looking statements, by their very nature, entail known as well as unknown risks and uncertainties that may lead to actual developments and events differing substantially from the forward-looking assessments. Forward-looking statements must not be understood to be guarantees. Instead, future developments and events depend on a large number of factors; they comprise various risks and imponderables and are based on assumptions that may possibly turn out not to be appropriate. These include unforeseeable changes to fundamental political, economic, legal and societal conditions, particularly in the context of our main customers' industries, the competitive situation, interest and exchange rate trends, technological developments as well as other risks and uncertainties. We perceive additional risks e.g. in pricing developments, unforeseeable events in the environment of companies acquired and Group member companies as well as in current cost savings programs from time to time. The SGL Carbon assumes no obligation and does not intend to adjust or otherwise update these forward-looking statements either.

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