

## **JEC World 2018: SGL Group presents new concepts and products for serial production applications**

- “Carbon Carrier” technology avant-garde for large-scale production
- New "Advanced Modulus" 50k carbon fiber
- Opening of the Fiber Placement Center on March 6, 2018 at 1:30 pm

*Wiesbaden, March 2, 2018.* SGL Group offers its customers from various industries tailored solutions along the entire value chain. At this year’s JEC World, the largest trade fair for composites being held from March 6-8, 2018 in Paris, the company will be presenting new composite materials and components for serial production at booth D25 in hall 6.

One of the highlights of the show will be the “Carbon Carrier,” a technology avant-garde co-developed by SGL Group and Bertrandt, ready for large-scale production for new automotive body approach concepts. The exhibit will be accompanied by an augmented reality presentation. The OEM neutral concept is a comprehensive system of an instrument panel based on fiber composites that integrates individual components and multiple functionalities. This is an example of flexible configurations and design possibilities for the interior of future vehicles.

Another highlight of SGL Group is the new "Advanced Modulus" carbon fiber named SIGRAFIL® C T50-4.8 / 280. Its high stiffness makes it particularly suitable for applications in the aerospace industry. The unique feature it exhibits is that the high mechanical properties are achieved with a 50k carbon fiber (50,000 single filaments). Among other benefits, it offers significant efficiency advantages for serial production processing.

In the "Composites in Action" exhibition area (hall 6, booth R86), SGL Group and the Fraunhofer IGCV will also present their recently established Fiber Placement Center for the first time. The new center, which is headquartered at the SGL site in Meitingen near Augsburg, is intended to improve the fiber placement production process in large-scale applications across different industries and to further optimize the corresponding concepts in terms of cost-effectiveness and resource efficiency. At the JEC on March 6, 2018 at 1.30 pm, Andreas Wüllner, Head of Business Unit Composites – Fibers & Materials of SGL Group and Prof. Dr. Ing. Klaus Drechsler, Head of the Chair of Carbon Composites at the Technical University of Munich, will officially launch the new center in a celebratory on the stand. All visitors are welcome to attend the opening.

### About the SGL Group – The Carbon Company

The SGL Group is a leading manufacturer worldwide of products and materials made from carbon. The extensive product portfolio ranges from carbon and graphite products, carbon fibers all the way through to composites. The SGL Group's core expertise comprises the control of high-temperature technologies as well as the deployment of many years' application and engineering know-how. This is used to exploit the company's wide materials base. These carbon-based materials combine a number of unique material properties such as very good conductivity of electricity and heat, resistance to heat and corrosion as well as lightweight construction coupled with high firmness. The level of demand for the SGL Group's high-performance materials and products is increasing due to the industrialization of the growth regions of Asia and Latin America and the ongoing substitution of traditional construction materials by new materials. The SGL Group's products are deployed in the automotive and chemicals industries as well as in the semiconductor, solar, LED industry segments and in the field of lithium-ion batteries. Carbon-based materials and products are also used in wind energy, aviation and space travel as well as in the defense industry.

**With 32 production locations in Europe, North America and Asia as well as a service network in over 100 countries, the SGL Group is an enterprise with a global orientation. In the 2016 financial year, approx. 4,000 employees generated 769.8 million euros in sales revenue. Its Head Office is based in Wiesbaden / Germany.**

*Further particulars on the SGL Group can be found in the Newsroom of the SGL Group at [www.sglgroup.com/press](http://www.sglgroup.com/press) and at [www.sglgroup.com](http://www.sglgroup.com).*

**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 Group assumes no obligation and does not intend to adjust or otherwise update these forward-looking statements either.

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