

## **SGL Group showcases innovative fiber materials and composites at China Composites Expo 2016**

*Shanghai, August 25, 2016.* SGL Group – The Carbon Company – will attend the China Composites Expo 2016 at Shanghai World Expo Exhibition & Convention Center from August 31 to September 2, presenting new material developments and innovative carbon fiber-based product solutions and their applications.

Composites (especially material solutions based on carbon fibers) offer outstanding properties such as light weight, high durability, and corrosion resistance. These characteristics make them excellent materials for many new applications across a wide variety of industries from the automotive, aerospace, and wind energy sectors to other areas such as pressure vessel manufacture. Many developments focus on weight reduction, increasing the functionality of components, and optimizing material systems for use in large-scale production.

At the China Composites Expo 2016, SGL Group will exhibit SIGRAFIL® 50k and SIGRAFIL® 24k carbon fibers and their applications. For example, a pressure vessel with a metal liner reinforced with SIGRAPREG carbon fiber TowPreg will be featured. Typical applications from the automotive industry will also be on show, such as the CFRP B pillar for super sports cars.

Another highlight of the innovative product solutions to be presented by SGL Group is the range of different material options in the area of fiber-reinforced thermoplastics. These materials are available as both glass fiber-reinforced and carbon fiber-reinforced semi-finished products based on various polymers and offer significant inherent benefits, such as short cycle times, weldability, good recyclability, and ease of combination with other thermoplastic semi-finished products. One of these innovative material applications – a tape fabric produced from carbon fiber-reinforced polyamide – will be demonstrated using the example of a thermoformed front end.

To learn more about the latest developments in the fibers and composites industry, please visit us at Booth 1323 in Hall 1.

### About SGL Group – The Carbon Company

SGL Group is one of the world's leading manufacturers of carbon-based products and materials. It has a comprehensive portfolio ranging from carbon and graphite products to carbon fibers and composites. SGL Group's core competencies are its expertise in high-temperature technology as well as its applications and engineering know-how gained over many years. These competencies enable the Company to make full use of its broad material base. SGL Group's carbon-based materials combine several unique properties such as very good electrical and thermal conductivity, heat and corrosion

**SGL Group – The Carbon Company**  
**Corporate Communications, Media Relations**  
Soehnleinstrasse 8, 65201 Wiesbaden/Germany  
Phone +49 611 6029-100, Fax +49 611 6029-101  
E-mail: [press@sglgroup.com](mailto:press@sglgroup.com) / [www.sglgroup.com](http://www.sglgroup.com)

resistance as well as high mechanical strength combined with low weight. Due to industrialization in the growth regions of Asia and Latin America and increased substitution of traditional with innovative materials, there is a growing demand for SGL Group's high-performance materials and products. Products from SGL Group are used predominantly in the steel, aluminum, automotive and chemical industries as well as in the semiconductor, solar and LED sectors and in lithium-ion batteries. Carbon-based materials and products are also being used increasingly in the wind power, aerospace and defense industries.

**With 40 production sites in Europe, North America and Asia as well as a service network covering more than 100 countries, SGL Group is a company with a global presence. In 2015, the Company's workforce of around 5,700 employees generated sales of €1,323 million. The Company's head office is located in Wiesbaden.**

*Further information on SGL Group can be found in SGL Group's newsroom at [www.sglgroup.com/press](http://www.sglgroup.com/press) or at [www.sglgroup.com](http://www.sglgroup.com).*

**Important note:**

This press release may contain forward-looking statements based on the information currently available to us and on our current projections and assumptions. By nature, forward-looking statements involve known and unknown risks and uncertainties, as a consequence of which actual developments and results can deviate significantly from these forward-looking statements. Forward-looking statements are not to be understood as guarantees. Rather, future developments and results depend on a number of factors; they entail various risks and unanticipated circumstances and are based on assumptions which may prove to be inaccurate. These risks and uncertainties include, for example, unforeseeable changes in political, economic, legal, and business conditions, particularly relating to our main customer industries, such as electric steel production, to the competitive environment, to interest rate and exchange rate fluctuations, to technological developments, and to other risks and unanticipated circumstances. Other risks that in our opinion may arise include price developments, unexpected developments connected with acquisitions and subsidiaries, and unforeseen risks associated with ongoing cost savings programs. SGL Group does not intend or assume any responsibility to revise or otherwise update these forward-looking statements.

Contact Corporate Communications:

Telephone +49 611 6029 100 / Fax +49 611 6029 101

Email: [press@sglgroup.com](mailto:press@sglgroup.com) / [www.sglgroup.com](http://www.sglgroup.com)