

JEC 2015: SGL Group presents innovative product solutions right across the carbon fiber value chain

Wiesbaden, March 5, 2015. At this year's JEC Europe in Paris, the leading trade show for the composites industry, SGL Group – The Carbon Company – is exhibiting innovative applications for carbon fiber-based materials right across the entire value chain. These range from carbon fibers through textile products, preforms, and prepregs to finished CFRP components. The company is developing new product solutions for strategic growth industries such as automotive, the wind energy sector, and numerous other industrial applications.

For the first time, SGL Group is exhibiting pre-impregnated TowPregs: fiber bundles from carbon or glass fibers with excellent winding behavior and constant width that are especially suitable for challenging winding and lay-up processes. The specific characteristics of SIGRAPREG® TowPregs not only give components very good mechanical properties but also permit much more uniform lay-up to the highest degree of precision. TowPregs also offer advantages over standard wet winding. They save customers time and money, while at the same time providing benefits in terms of health & safety and environmental protection.

Another innovation from SGL Group is continuous carbon fiber tow for fiber-reinforced thermoplastics. Components with a thermoplastic matrix can be very readily shaped, repaired, and recycled. So our material makes an important contribution to sustainability and efficiency and opens up new possibilities for serial production.

Dr. Andreas Wöginger, Vice President Product and Technology Management of the Business Unit Carbon Fibers & Composite Materials at SGL Group, says: "With these new products, we are supplying solutions for the development and manufacture of competitive lightweight construction innovations perfectly tailored to the requirements, applications, and technical capabilities of our customers".

Another highlight of our current developments is a SIGRAPREG® prepreg with a newly developed transparent resin system, which is particularly suitable for visible components in the automotive and other sectors. The use of this prepreg in combination with the innovative SIGRATEx® design fabric from SGL Group produces components with extremely high surface quality and a stylish appearance.

Peter Weber, Vice President Sales and Marketing of the Business Unit Carbon Fibers & Composite Materials at SGL Group, summarizes: "At this year's JEC, we are focusing on our

products and especially our product innovations. We are particularly proud this year to present the revolutionary BMW i8 on our booth as a special eye catcher. The entire passenger cell of this vehicle is made from our carbon fiber composite materials. With this exclusive exhibit, we are not only highlighting our activities in the automotive sector but also demonstrating our expertise right across the composites value chain.”

JEC Europe 2015, 10 - 12 March in Paris
Visit SGL Group in hall 7.2 / booth M19

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 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 42 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 2013, the Company’s workforce of around 6,300 employees generated sales of €1,477 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 or at 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
E-mail: press@sglgroup.com / www.sglgroup.com