

Both business units of SGL Group attending together the FAKUMA international trade fair for plastics processing

- Composites – Fibers & Materials business unit with a focus on thermoplastic materials based on carbon and glass fibers
- Graphite Materials & Systems presents powders made of expanded natural graphite as highly thermal conductive plastic additives

Wiesbaden, October 2, 2017. At this year's FAKUMA, the international trade fair for plastics processing held from October 17-21, 2017, in Friedrichshafen, Germany, the two business units of SGL Group, Composites – Fibers & Materials (CFM) and Graphite Materials & Systems (GMS) will exhibit at a joint booth.

The CFM business unit will showcase not only its established products, such as short and milled carbon fibers, but also innovative semi-finished products based on carbon and glass fibers with a thermoplastic matrix. This range of thermoplastic materials from SGL Group contains semi-finished products with a uniform matrix for maximum flexibility in terms of design and material processing. The foundation for these thermoplastic composites are 50k carbon fibers, with a size tailored to thermoplastics. Unidirectional (UD) tapes help reinforce components based on the load path. Organo sheets can be customized by selecting a specific structure of UD tapes, rovings, fabrics or non-wovens. Tapes and organo sheets can also be processed in thermoforming processes. For additional reinforcement through injection molding, SGL Group also offers long-fiber-reinforced thermoplastic granulates (LFT). With the help of a demonstrator, SGL will present several examples for combining thermoplastic composite materials at the FAKUMA. Among them the latest developments in the area of thermoplastic profiles, which can be used in combination with injection molding for local reinforcement.

The GMS business unit will present products for increasing the thermal conductivity of plastics. SGRATHERM[®] GFG powder, produced from expanded natural graphite, offers crucial advantages when used as plastic additives even at low filler contents thanks to its high purity, large specific surface and low bulk density. Furthermore, it can increase thermal conductivity significantly while only minimally affecting other characteristics of the polymer. Its good free flow properties and dosability allow economic processing, even on a large scale. In addition to an increased thermal conductivity, the additives can also be used for electrical and antistatic applications.

We look forward to seeing you at the FAKUMA in Friedrichshafen in hall A7, booth A7-7123

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 34 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 and at 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, such as electric steelmaking, 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.

Contact Corporate Communications:

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

E-mail: press@sglgroup.com / www.sglgroup.com