

GIFA/THERMPROCESS 2015: SGL Group presents comprehensive range of specialty graphite for casting applications and high temperature furnaces

- Broad range of specialty graphite shown for customized solutions
- Customers benefit from connection of material and application competence

Wiesbaden, May 13, 2015. SGL Group – The Carbon Company – shows its specialty graphite products and services for casting applications and high temperature furnaces at the 13th International Foundry Trade Fair (GIFA) and the 11th International Trade Fair and Symposium for Thermo Process Technology (THERMPROCESS), held from June 16 to June 20 in Duesseldorf.

At its booth SGL Group exhibits the most comprehensive range of specialty graphite industry-wide. Based on this broad material base experts identify the best solution for the special requirements of each customer. Specialty graphite products of SGL Group are typically used in applications like continuous casting of non-ferrous metals or the heat treatment of steel components for the automotive industry.

SGL Group's service portfolio includes

- Casting dies made from SIGRAFINE® fine-grain graphite for continuous casting
- Degassing tubes made from SIGRAFINE® NOX treated for aluminum production
- Engineering for heating chambers and charging fixtures for high temperature furnaces
- Charging fixtures made of SIGRABOND® carbon fiber-reinforced carbon (C/C)
- Carbon and graphite products for heating chambers of high temperature furnaces, e.g. heating elements made of SIGRAFINE® fine-grain graphite or SIGRABOND® C/C and thermal insulations made of SIGRATHERM® rigid and soft carbon and graphite felt

Burkhard Straube, Chairman of the Business Unit Graphite Materials & Systems: „Our strength is the combination of material and application know-how for casting and high temperature applications based on our comprehensive specialty graphite portfolio. Therewith we develop customized, efficient solutions for the production processes of our customers.“

For instance the C/C material SIGRABOND® Performance offers clear advantages versus traditional carbon fiber-reinforced carbon with an up to 20 percent higher rigidity and a lower porosity. It also serves as material base for the design and manufacture of charging fixtures for the optimized loading of heat treatment furnaces, like pusher-through hardening furnaces with gas or oil quenching, and of charging plates for vacuum sintering furnaces for the production of cemented carbides.

**GIFA/THERMPROCESS 2015, June 16 to 20 in Duesseldorf, Germany.
Visit SGL Group at booth 10A40 in hall 10.**

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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 2014, the Company's workforce of around 6,300 employees generated sales of €1,336 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.

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