

**New material class in 3D printing: SGL Carbon registers SICAPRINT™ brand name**

SGL Carbon is expanding its 3D printing product portfolio by registering a second brand name that follows in the footsteps of the CARBOPRINT® material family: SICAPRINT™. Computer-controlled 3D printing enables tool-free construction of three-dimensional by building up individual layers. 3D printing has been identified as an area with great potential for SGL Carbon's future growth, and is being developed alongside our current product solutions and other growth markets. While CARBOPRINT stands for 3D printing with carbon, the name SICAPRINT refers to the 3D printing of silicon carbide (SiC).

Currently, the predominant post-treatment for parts printed of SiC is liquid silicon infiltration (LSI), which is why these materials carry an affix in their name: SICAPRINT Si. Silicon carbide features an extremely high hardness, high stiffness and strength as well as a high thermal conductivity, making it an optimal choice to meet requirements in the areas of environmental technology, high-temperature processes, and friction and wear applications.

Oswin Öttinger, Head of New Technologies in the Central Innovation of SGL Carbon: "With SICAPRINT Si we have a material at hand, which can be used on a continuous basis at temperatures far beyond 1,000°C, even in the presence of oxygen. These properties could form the basis for opening up new applications that were inaccessible to carbon due to its vulnerability to oxidation in air at high temperatures."

At this year's ACHEMA, the leading international trade fair for the process industry held from June 11-15, 2018 in Frankfurt am Main, 3D printing will be one of several topics at SGL Carbon's booth. Furthermore, the topic "3D Printing of Carbon and SiC" will be presented in detail at the Chemical Engineering-Additive Manufacturing lecture session on June 15.

We look forward to seeing you at our booth in Hall 4.0, Stand F26.

**About SGL Carbon**

SGL Carbon is a technology-based company and world leader in the development and production of carbon-based solutions. Its high-quality materials and products made from specialty graphite and composites are used in industrial sectors that determine the future: automotive, aerospace, solar and wind energy, semiconductor and LEDs as well as in the production of lithium-ion batteries and other energy storage systems. In addition, SGL Carbon

**SGL Carbon SE****Corporate Communications, Media Relations**

Soehnleinstrasse 8

65201 Wiesbaden/Germany

Phone +49 611 6029-100 | Fax +49 611 6029-101

press@sglcarbon.com | www.sglcarbon.com

develops solutions for chemical and industrial applications.

**In 2017, SGL Carbon generated sales of around 860 million euros. As of December 31, 2017, the company had approximately 4,200 employees worldwide in 34 locations in Europe, North America, and Asia.**

Materials, products and solutions from SGL Carbon are embedded in the major topics of the future: sustainable mobility, new energies and cross-industry digitization. Further developments in these areas demand more intelligent, more efficient, networked and sustainable solutions. This is where the entrepreneurial vision of SGL Carbon evolves around: contributing to a smarter world.

Further information on SGL Carbon can be found in the Newsroom of SGL Carbon at [www.sglcarbon.com/press](http://www.sglcarbon.com/press) and at [www.sglcarbon.com](http://www.sglcarbon.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 Carbon assumes no obligation and does not intend to adjust or otherwise update these forward-looking statements either.

**SGL Carbon SE**  
**Corporate Communications**  
**Andreas Pütz – Head of Corporate Communications and Marketing**  
Soehnleinstrasse 8  
65201 Wiesbaden/Germany

Telephone +49 611 6029-100  
Fax +49 611 6029-101  
[press@sglcarbon.com](mailto:press@sglcarbon.com)  
[www.sglcarbon.com](http://www.sglcarbon.com)

 [LinkedIn](#)  
 [Facebook](#)