

CeramTec at PCIM Nuremberg: High-performance ceramics for power electronics

The technical ceramics specialist presents itself as a one-stop shop in Europe for Europe

Plochingen, May 2023 - Even if many details are still disputed, there is agreement on one point: the path to climate neutrality leads via electricity as a central energy source - obtained from regenerative sources and made usable with the lowest possible losses for the most diverse applications. Against this background, PCIM Europe, the leading international trade fair and conference for power electronics, intelligent drive technology, renewable energy and energy management, will be the focus of interest more than ever before. An ideal platform for CeramTec to convince an international expert audience of the many advantages of ceramic substrates in use.

In Hall 7 Stand 470, visitors will find many answers to the question of what technical ceramics can achieve in the environment of high-performance power modules, efficient provision of maximum electrical power or low weight and compact design of electronic components. "Thanks to their high thermal conductivity, excellent electrical insulation, high chemical stability, optimal flexural strength and the lowest coefficient of expansion, ceramic materials are ideally suited for applications with high thermal and mechanical requirements," says David Hassler, Product Manager Electronics at CeramTec. Whether e-mobility, heating, cooling or the conversion of electrical energy - CeramTec is one of the few European one-stop shops for high-quality ceramic substrates and ceramic coolers for power electronics. With production in Europe, customers can rely not only on consistently high quality, but also on a fast and reliable delivery chain.

The experts from CeramTec will be available at the stand at any time to provide detailed information about the possible applications of technical ceramics. In addition, David Hassler will be presenting CeramTec's technology and product and solution portfolio in live presentations at the stand and in two specialist talks at the E-Mobility & Energy Storage Stage in Hall 6, Stand 220.

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About CeramTec

CeramTec is a leading global medical technology platform focusing on solutions made of advanced ceramics (HPC) and specialises in the development, manufacture and distribution of parts, components and products made of ceramic materials. With more than a century of development and production experience in the HPC industry, CeramTec is a global leader in the manufacture of advanced ceramics and develops these materials for use in a wide range of applications. CeramTec's advanced ceramics are used in a number of areas, including medical applications such as hip prostheses, other orthopaedic implants, dental implants and medical devices, as well as in the furniture and electronics industries and other industrial applications. With production sites and subsidiaries in Europe, North and South America and Asia, CeramTec is present as a manufacturer and supplier all over the world. CeramTec's headquarters are located in Plochingen near Stuttgart. In 2021, CeramTec generated sales of more than 640 million euros. CeramTec employs almost 3,500 people worldwide, including around 2,000 in Germany.

More information: www.ceramtec-group.com

Press contact CeramTec Industrial

Peter Hartung
CeramTec GmbH
CeramTec-Platz 1-9
D-73207 Plochingen
Mail: pr@ceramtec.de
Tel. +49 (7153) 61110803