

Press Information

KYOCERA Fineceramics Europe GmbH at ACHEMA 2024: Development partner for application-oriented high-performance ceramics

This year, Kyocera will once again be represented with a wide range of technical ceramic solutions at the world's leading trade fair for the international process industry, which will be held in Frankfurt am Main, Germany, from 10 to 14 June.

Kyoto/London, 5th June 2024. Customers constantly provide companies with new challenges. In mechanical and plant engineering, such challenges regularly involve new requirements for materials and manufacturing processes. With their outstanding material properties, technical ceramics offer innovative solutions that go far beyond the possibilities of conventional materials.

Advantages over metals and plastics

The special properties of technical ceramics include the following:

- Their extraordinary hardness and torsional resistance
- Their high temperature resistance (especially with sudden temperature changes)
- Their resistance to abrasion and corrosion

The specific performance characteristics of technical ceramics, such as aluminium oxide, silicon carbide, silicon nitride or zirconium oxide, have long earned them a place in applications where the focus is on minimal wear and high reliability. This applies, for example, to sealing elements and agitators for acids and alkalis, but also to components for compressors, pumps and turbines in the cryogenic or high-temperature range.

Application-orientated component development from a single source

Kyocera Fineceramics envisions itself as a development partner to the process industry, not only by offering advice on selecting suitable high-performance ceramics, but also by developing and producing the various interworking components of a machine or system, especially when different base materials are used. In this way, additional energy and resource savings can be achieved.

For example, ceramic containment shells in magnetic drive pumps can prevent electrical eddy currents and increase the efficiency of the pumps by up to 20 per cent.

Global purchasing and customer-oriented supply chains

“The manufacturing industry is going through profound change. New suppliers need to be identified and new supply chains established. At the same time, compliance guidelines and increased energy costs have to be taken into account”, stresses Dr Carsten Russner, President of KYOCERA Fineceramics Europe GmbH. “Our advantage as a global producer of high-performance ceramics is that we have been organising our purchasing worldwide for a long time and have been investing in new production facilities in recent years. This is now a benefit for our customers.”

Overview: Kyocera at ACHEMA 2024

Exhibition	ACHEMA 2024
Date	10 to 14 June 2024
Location	Frankfurt am Main, Germany
Kyocera Booth	Hall 8, Booth H41



Rotor



Containment shell



For more information on Kyocera: uk.kyocera.com

About Kyocera

[KYOCERA Fineceramics Europe GmbH](#) is a subsidiary of [KYOCERA Europe GmbH](#), which has been successful in Europe for over 50 years. The Kyocera Group is one of the world's leading providers of high-performance ceramic components for the technology industry, offering over 200 different ceramic materials, as well as state-of-the-art technologies and services tailored to the specific needs of each market.

KYOCERA Europe GmbH is a company of the KYOCERA Corporation headquartered in Kyoto/Japan, a world leader in semiconductor, industrial and automotive components as well as electronic components, printing and multifunction systems, and communications technology. The technology group is one of the world's most experienced manufacturers of smart energy systems, with more than 45 years of industry expertise. The Kyocera Group comprises 292 subsidiaries (31 March 2024). In England, Kyocera has a subsidiary in Frimley, KYOCERA Fineceramics Ltd. With around 79,200 employees, Kyocera generated net annual sales of around EUR 12.29 billion in the 2023/2024 fiscal year.

Kyocera is ranked 672 on Forbes magazine's 'Global 2000' list for 2023, and ranked as 'The 100 Most Sustainably Managed Companies in the World' according to the Wall Street Journal. For the second year in a row, Kyocera qualified for the Dow Jones Sustainability Index (Asia-Pacific). As well, Kyocera receives a Gold rating on EcoVadis Sustainability Survey for the second consecutive year and was acknowledged as a 'Top 100 Global Innovator 2023', being one of the world's leading innovators, for the eighth time by Clarivate.

The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr Kazuo Inamori — to individuals worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (equivalent to approximately €596,500 per prize category).

Contact

KYOCERA Fineceramics Ltd.

Allan Martin

General Manager

Prospect House, Archipelago,

Lyon Way, Frimley, Surrey.

GU16 7ER United Kingdom

Tel: [+44 1276 693450](tel:+441276693450)

E-mail: PR@kyocera.de

uk.kyocera.com