

Global Ion-conducting Ceramics Market 2022-2028

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Abstracts

Ionic conduction consists of the transit of ions from one site to another via point defects called vacancies in the crystal lattice. At high temperatures, however, vacancies become mobile, and certain ceramics exhibit what is known as fast ionic conduction. These ceramics are especially useful in gas sensors, fuel cells, and batteries. The global ion-conducting ceramics market is projected to rise by USD 220 million by 2028, according to a new report by Gen Consulting Company. It is anticipated to expand at a CAGR of 10.8 percent during the forecast period.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global ion-conducting ceramics market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the ion-conducting ceramics industry.

The ion-conducting ceramics market is segmented on the basis of product, type, application, and region. The ion-conducting ceramics market is segmented as below:

By product:

ceramics

glass-ceramic materials

By type:

oxide ceramics

non-oxide ceramics

By application:

fuel cells & batteries

gas sensors

others

By region:

region

Asia Pacific

Europe

North America

Rest of the World (RoW)

The report has also analysed the competitive landscape of the global ion-conducting ceramics market with some of the key players being Ampcera Inc., Compagnie de Saint-Gobain S.A., CoorsTek, Inc., Corning Inc., Ionotec Ltd., Kyocera Corporation, Murata Manufacturing Co., Ltd., Nexceris, LLC, NGK INSULATORS, LTD., Ningbo SOFCMAN Energy Technology Co., Ltd., Robert Bosch GmbH, RocCera, LLC, Sepion Technologies, Inc., Superior Technical Ceramics Corporation, Tianjin Yinghua New Material Tech Co., Ltd., Toho Titanium Co., Ltd., among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global ion-conducting ceramics market.

To classify and forecast the global ion-conducting ceramics market based on product, type, application, and region.

To identify drivers and challenges for the global ion-conducting ceramics market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global ion-conducting ceramics market.

To identify and analyze the profile of leading players operating in the global ion-conducting ceramics market.

Why Choose This Report

Gain a reliable outlook of the global ion-conducting ceramics market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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