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Global High-Temperature Resins for Composite Materials Market 2022-2028

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Abstracts

High-temperature resin can be defined as resins that can perform at the service temperature 135°C (275°F) and above. These resins are being developed for use as matrix materials in composite-material structures in applications in which there are requirements for thermal stability and hot-wet performance. Gen Consulting Company predicts the global high-temperature resins for composite materials market will grow from USD 864 million in 2021 to USD 1,152 million by 2028, achieving a compound annual growth rate (CAGR) of 4.2 percent.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global high-temperature resins for composite materials 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 high-temperature resins for composite materials industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the resin type, application, manufacturing procedure, and region. The global market for high-temperature resins for composite materials can be segmented by resin type: bismaleimides (BMI) resin, cyanate ester resin, epoxy resin, polyether ether ketone (PEEK), phenolic resin, others. The epoxy resin segment was the largest contributor to the global high-temperature resins for composite materials market in 2021. High-temperature resins for composite materials market is further segmented by application: aerospace and defense, electricals and electronics, pipes and tanks, transportation, others. According to the research, the aerospace and defense segment had the largest share in the global high-temperature resins for composite materials market. Based on manufacturing procedure, the high-temperature resins for

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composite materials market is segmented into: filament winding, prepreg layup, resin transfer moulding (RTM), others. The prepreg layup segment held the largest revenue share in 2021. On the basis of region, the high-temperature resins for composite materials market also can be divided into: Asia Pacific, Europe, North America, Rest of the World (RoW). Globally, North America made up the largest share of the high-temperature resins for composite materials market.

By resin type:

bismaleimides (BMI) resin

cyanate ester resin

epoxy resin

polyether ether ketone (PEEK)

phenolic resin

others

By application:

aerospace and defense

electricals and electronics

pipes and tanks

transportation

others

By manufacturing procedure:

filament winding

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prepreg layup

resin transfer moulding (RTM)

others

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

On the basis of country level, the market of high-temperature resins for composite materials is sub divided into USA, Canada, Mexico, Germany, France, United Kingdom, Italy, Spain, China, Japan, India, South Korea, Brazil.

The report explores the recent developments and profiles of key vendors in the Global High-Temperature Resins for Composite Materials Market, including Evonik Industries AG, Hexcel Corporation, Hexion Inc., Huntsman Corporation, Lonza Group AG, Solvay S.A. (Cytec Industries Incorporated), Toray Industries, Inc., 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 high-temperature resins for composite materials market.

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To classify and forecast the global high-temperature resins for composite materials market based on resin type, application, manufacturing procedure, region.

To identify drivers and challenges for the global high-temperature resins for composite materials market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global high-temperature resins for composite materials market.

To identify and analyze the profile of leading players operating in the global high-temperature resins for composite materials market.

Why Choose This Report

Gain a reliable outlook of the global high-temperature resins for composite materials 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.

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Rest of the World (RoW)

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Hexcel Corporation
Hexion Inc.
Huntsman Corporation
Lonza Group AG
Solvay S.A. (Cytec Industries Incorporated)
Toray Industries, Inc.
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