

# **Global High Temperature Insulation Wool Market Size study, by Material Type (Fiberglass, Mineral Wool, Vacuum-formed Insulating Products, Polyurethane Foam, Polystyrene, Insulating Firebricks (IFB), and Other Material Types), Application (Insulation, Industrial Equipment, and Other Applications), End-user Industry (Construction, Transportation, Electrical and Electronics, Power Generation, Petrochemicals, Industrial, and Other End-user Industries) and Regional Forecasts 2022-2028**

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## **Abstracts**

Global High Temperature Insulation Wool Market is valued approximately USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028. High temperature insulation wool (HTIW) is a form of synthetic mineral wool that can withstand temperatures above 1000° C. HTIW is made from synthetic basic materials including saran and aramids. The first type of refractory HTIW used for carrying molten aluminium is aluminium silicate fibre. Rising molten aluminium consumption is projected to support worldwide HTIW market expansion. HTIW is a collection of fibres with variable diameters and lengths, it is rapidly being employed in a variety of end-use sectors such as petrochemical and aerospace. Growing concerns about greenhouse gas emissions are likely to boost market growth throughout the forecast period. Increasing industrial production in emerging countries, as well as growing worries about high energy costs and the resulting need to decrease manufacturing costs, are likely to boost the worldwide market even further. HTIW contributes to the development of lightweight industrial

furnaces as well as other technological devices such as heating systems. This prospective use of HTIW provides a variety of environmental and economic benefits to manufacturers. The increased demand for high temperature insulation wool in the aerospace and iron and steel industries due to its temperature resistance is expected to drive the market over the projected period. It is also chosen over glass wool and rock wool due to its strong thermal shock resistance and low thermal conductivity. Its ability to substitute the aforementioned items is expected to increase its global demand. Dust particles trigger tumour formation, the high concentration of elongated dust particles employed in high temperature insulating wool may stymie the market. Furthermore, the release of fibre dust during the handling of HTIW products poses a number of health risks, which may be a factor limiting market growth. However, the high cost of High Temperature Insulation Wool restrains market expansion from 2022 to 2028.

The key regions considered for the Global High Temperature Insulation Wool Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific emerged as the dominant regional market, with China and India driving the majority of HTIW demand. Over the projected period, the rising petrochemical sector in these markets is likely to boost Asia Pacific market growth. Increasing HTIW use in the aerospace and iron and steel sectors is likely to drive market expansion in North America over the forecast period. The European market is distinguished by increased downstream oil and gas activity, notably in Eastern European nations.

Major market player included in this report are:

Unifrax LLC

Morgan Thermal Ceramics

Shangdong Luyang Co. Ltd

Rath-Group

Promat GmbH

BNZ Materials Inc.

Zircar

Pyrotek

Isolite

Skamol.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors &

challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material Type:

Fiberglass

Mineral Wool

Vacuum-formed Insulating Products

Polyurethane Foam

Polystyrene

Insulating Firebricks (IFB)

Other Material Types

By Application:

Insulation

Industrial Equipment

Other Applications

By End-user Industry:

Construction

Transportation

Electrical and Electronics

Power Generation

Petrochemicals

Industrial

Other End-user Industries

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global High Temperature Insulation Wool Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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