

Molybdenum Disilicide Market Size, Share, and Analysis, By Temperature Grade (Up to 1700 Deg, 1700 Deg.-1900 Deg, Above 1900 Deg), By Grade (Agriculture, Pharmaceutical, Technical), By Application (Industrial Furnace, Laboratory Furnace), By End-use Industry (Agriculture, Food Processing, Electronics, Steel, Glass, Ceramics, Pharmaceuticals) and Regional Forecasts, 2022-2032

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Abstracts

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PRODUCT OVERVIEW

The Molybdenum Disilicide market size was USD 4.25 billion in 2021 and projected to grow from USD 4.7 billion in 2023 to USD 7.2 billion by 2032, exhibiting a CAGR of 4.9% during the forecast period.

Molybdenum disilicide is also called as Molybdenum Silicide and it is an inorganic compound having a tetragonal crystal-like structure, given as MoSi_2 . Molybdenum disilicide by appearance is grey in color, a metallic material and a finest pure material with a notable shelf life. Molybdenum disilicide is not soluble in most of the acids except hydrofluoric acid and nitric acid. For the manufacturing of Molybdenum

Disilicide, key ingredient includes 99.9% molybdenum powder and 97% of pure silicon powder.

MARKET HIGHLIGHTS

Global Molybdenum Disilicide Market is expected to reach USD 7.2 billion at a CAGR of 4.9% during forecast period owing to the rising preference for the compound molybdenum disilicide over other, including polysilicon which is expected to boost the Global Molybdenum Disilicide market in the forecast period. Rising utilization of this compound in the production of ceramics, steel, electronics, and glass is expected to boost the demand for molybdenum disilicide in the forecast period. Molybdenum silicide is mentioned as a silicide of molybdenum, refractory ceramic, and an intermetallic compound which is usually used in several heating elements. The availability of raw materials and affordable labor is expected to propel the Global Molybdenum Disilicide market.

Global Molybdenum Disilicide Market Segments:

By Temperature Grade

Up to 1700 Deg

1700 Deg.–1900 Deg

Above 1900 Deg

By Grade

Agriculture

Pharmaceutical

Technical

By Application

Industrial Furnace

Laboratory Furnace

By End-use Industry

Agriculture

Food Processing

Electronics

Steel

Glass

Ceramics

Pharmaceuticals

MARKET DYNAMICS

Growth Drivers

Rising Utilization in Furnaces is Expected to Boost the Growth of the Market

Increased Regulations is Expected to Boost the Growth of the Market

Restraint

Pollution Emitted in Manufacturing May Restrain the Market Growth

Key Players

American Elements

Schupp Ceramics

I Squared R

ZIRCAR

MHI

Shanghai Caixing

Sandvik Coromant

Kanthal

Zhengzhou Chida

Yantai Torch

Other Prominent Players

(Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y

Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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