

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

<https://marketpublishers.com/r/MB024F8F6EC6EN.html>

Date: September 2023

Pages: 317

Price: US\$ 4,250.00 (Single User License)

ID: MB024F8F6EC6EN

Abstracts

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

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 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.

Contents

1.EXECUTIVE SUMMARY

- 1.1. Regional Market Share
- 1.2. Business Trends
- 1.3. Molybdenum Disilicide Market: COVID-19 Outbreak
- 1.4. Regional Trends
- 1.5. Segmentation Snapshot

2.RESEARCH METHODOLOGY

- 2.1. Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4. Primary Research
- 2.5. Secondary Research
 - 2.5.1. Paid Sources
 - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

3.MARKET CHARACTERISTICS

- 3.1. Market Definition
- 3.2. Molybdenum Disilicide Market: COVID-19 Impact
- 3.3. Key Segmentations
- 3.4. Key Developments
- 3.5. Allied Industry Data

4.MOLYBDENUM DISILICIDE MARKET – INDUSTRY INSIGHTS

- 4.1. Industry Segmentation
- 4.2. COVID-19 overview on world economy
- 4.3. Industry ecosystem Channel analysis
- 4.4. Innovation & Sustainability

5.MACROECONOMIC INDICATORS

6.RECENT DEVELOPMENTS

7.MARKET DYNAMICS

- 7.1. Introduction
- 7.2. Growth Drivers
- 7.3. Market Opportunities
- 7.4. Market Restraints
- 7.5. Market Trends

8.RISK ANALYSIS

9.MARKET ANALYSIS

- 9.1. Porters Five Forces
- 9.2. PEST Analysis
 - 9.2.1.Political
 - 9.2.2.Economic
 - 9.2.3.Social
 - 9.2.4.Technological

10. MOLYBDENUM DISILICIDE MARKET

- 10.1.Overview
- 10.2.Historical Analysis (2016-2021)
 - 10.2.1.Market Size, Y-o-Y Growth (%) and Market Forecast

11. MOLYBDENUM DISILICIDE MARKET SIZE & FORECAST 2022A-2032F

- 11.1.Overview
- 11.2.Key Findings
- 11.3.Market Segmentation
 - 11.3.1.By Temperature Grade
 - 11.3.1.1.Up to 1700 Deg
 - 11.3.1.1.1. By Value (USD Million) 2022-2032F
 - 11.3.1.1.2. Market Share (%) 2022-2032F
 - 11.3.1.1.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.1.2.1700 Deg.–1900 Deg
 - 11.3.1.2.1. By Value (USD Million) 2022-2032F
 - 11.3.1.2.2. Market Share (%) 2022-2032F

- 11.3.1.2.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.1.3.Above 1900 Deg
 - 11.3.1.3.1. By Value (USD Million) 2022-2032F
 - 11.3.1.3.2. Market Share (%) 2022-2032F
 - 11.3.1.3.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.2.By Grade
 - 11.3.2.1.Agriculture
 - 11.3.2.1.1. By Value (USD Million) 2022-2032F
 - 11.3.2.1.2. Market Share (%) 2022-2032F
 - 11.3.2.1.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.2.2.Pharmaceutical
 - 11.3.2.2.1. By Value (USD Million) 2022-2032F
 - 11.3.2.2.2. Market Share (%) 2022-2032F
 - 11.3.2.2.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.2.3.Technical
 - 11.3.2.3.1. By Value (USD Million) 2022-2032F
 - 11.3.2.3.2. Market Share (%) 2022-2032F
 - 11.3.2.3.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.3.By Application
 - 11.3.3.1.Industrial Furnace
 - 11.3.3.1.1. By Value (USD Million) 2022-2032F
 - 11.3.3.1.2. Market Share (%) 2022-2032F
 - 11.3.3.1.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.3.2.Laboratory Furnace
 - 11.3.3.2.1. By Value (USD Million) 2022-2032F
 - 11.3.3.2.2. Market Share (%) 2022-2032F
 - 11.3.3.2.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.4.By End-use Industry
 - 11.3.4.1.Agriculture
 - 11.3.4.1.1. By Value (USD Million) 2022-2032F
 - 11.3.4.1.2. Market Share (%) 2022-2032F
 - 11.3.4.1.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.4.2.Food Processing
 - 11.3.4.2.1. By Value (USD Million) 2022-2032F
 - 11.3.4.2.2. Market Share (%) 2022-2032F
 - 11.3.4.2.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.4.3.Electronics
 - 11.3.4.3.1. By Value (USD Million) 2022-2032F
 - 11.3.4.3.2. Market Share (%) 2022-2032F

- 11.3.4.3.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.4.4. Steel
 - 11.3.4.4.1. By Value (USD Million) 2022-2032F
 - 11.3.4.4.2. Market Share (%) 2022-2032F
 - 11.3.4.4.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.4.5. Glass
 - 11.3.4.5.1. By Value (USD Million) 2022-2032F
 - 11.3.4.5.2. Market Share (%) 2022-2032F
 - 11.3.4.5.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.4.6. Ceramics
 - 11.3.4.6.1. By Value (USD Million) 2022-2032F
 - 11.3.4.6.2. Market Share (%) 2022-2032F
 - 11.3.4.6.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.4.7. Pharmaceuticals
 - 11.3.4.7.1. By Value (USD Million) 2022-2032F
 - 11.3.4.7.2. Market Share (%) 2022-2032F
 - 11.3.4.7.3. Y-o-Y Growth (%) 2022-2032F

12. NORTH AMERICA MOLYBDENUM DISILICIDE MARKET SIZE & FORECAST 2022A-2032F

- 12.1. Overview
- 12.2. Key Findings
- 12.3. Market Segmentation
 - 12.3.1. By Temperature Grade
 - 12.3.2. By Grade
 - 12.3.3. By Application
 - 12.3.4. By End User Industry
- 12.4. Country
 - 12.4.1. United States
 - 12.4.2. Canada

13. EUROPE MOLYBDENUM DISILICIDE MARKET SIZE & FORECAST 2022A-2032F

- 13.1. Overview
- 13.2. Key Findings
- 13.3. Market Segmentation
 - 13.3.1. By Temperature Grade

13.3.2.By Grade

13.3.3.By Application

13.3.4.By End User Industry

13.4. Country

13.4.1.Germany

13.4.2.United Kingdom

13.4.3.France

13.4.4.Italy

13.4.5.Spain

13.4.6.Russia

13.4.7.Rest of Europe (BENELUX, NORDIC, Hungary, Turkey & Poland)

14. ASIA MOLYBDENUM DISILICIDE MARKET SIZE & FORECAST 2022A-2032F

14.1.Overview

14.2.Key Findings

14.3.Market Segmentation

14.3.1.By Temperature Grade

14.3.2.By Grade

14.3.3.By Application

14.3.4.By End User Industry

14.4. Country

14.4.1.India

14.4.2.China

14.4.3.South Korea

14.4.4.Japan

14.4.5.Rest of APAC

15. MIDDLE EAST AND AFRICA MOLYBDENUM DISILICIDE MARKET SIZE & FORECAST 2022A-2032F

15.1.Overview

15.2.Key Findings

15.3. Market Segmentation

15.3.1.By Temperature Grade

15.3.2.By Grade

15.3.3.By Application

15.3.4.By End User Industry

15.4. Country

- 15.4.1. Israel
- 15.4.2. GCC
- 15.4.3. North Africa
- 15.4.4. South Africa
- 15.4.5. Rest of Middle East and Africa

16. LATIN AMERICA MOLYBDENUM DISILICIDE MARKET SIZE & FORECAST 2022A-2032F

- 16.1. Overview
- 16.2. Key Findings
- 16.3. Market Segmentation
 - 16.3.1. By Temperature Grade
 - 16.3.2. By Grade
 - 16.3.3. By Application
 - 16.3.4. By End User Industry
- 16.4. Country
 - 16.4.1. Mexico
 - 16.4.2. Brazil
 - 16.4.3. Rest of Latin America

17. COMPETITIVE LANDSCAPE

- 17.1. Company market share, 2021
- 17.2. Key player overview
- 17.3. Key stakeholders

18. COMPANY PROFILES

- 18.1. American Elements
 - 18.1.1. Company Overview
 - 18.1.2. Financial Overview
 - 18.1.3. Key Product; Analysis
 - 18.1.4. Company Assessment
 - 18.1.4.1. Product Portfolio
 - 18.1.4.2. Key Clients
 - 18.1.4.3. Market Share
 - 18.1.4.4. Recent News & Development (Last 3 Yrs.)
 - 18.1.4.5. Executive Team

- 18.2.Schupp Ceramics
- 18.3.I Squared R
- 18.4.ZIRCAR
- 18.5.MHI
- 18.6.Shanghai Caixing
- 18.7.Sandvik Coromant
- 18.8.Kanthal
- 18.9.Zhengzhou Chida
- 18.10.Yantai Torch
- 18.11.Other prominent players

19. APPENDIX

20. CONSULTANT RECOMMENDATION

I would like to order

Product name: 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

Product link: <https://marketpublishers.com/r/MB024F8F6EC6EN.html>

Price: US\$ 4,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/MB024F8F6EC6EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970