

Global Metal-organic Frameworks (MOFs) Materials Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

Metal Organic Frameworks (MOFs) also called as Porous Coordination Polymers (PCPs) or coordination networks are crystalline material that can be readily self-assembled from metal ions or metal clusters with organic ligands. They display permanent porosity with the enormous internal surface area and large structural diversity and thus lead to a wide spectrum of applications including gas capture and storage, molecule separations, ion-exchange, drug delivery, sensing, catalysis, luminescence.

Metal-organic frameworks (MOFs) are (often) crystalline materials that possess nanometer-sized cavities and exhibit large internal surface areas (>7000 m²/g) decorable with functional groups.

MOFs are synthesized modularly from molecular building blocks: organic linker molecules and inorganic nodes. owing to the (i) abundance of compatible molecular building blocks, (ii) many topologies in which the building blocks assemble, and (iii) post-synthetic modifiability, the number of possible MOF structures is practically limitless.

According to our (Global Info Research) latest study, the global Metal-organic Frameworks (MOFs) Materials market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Metal-organic Frameworks (MOFs) Materials market. Both quantitative and qualitative analyses are

presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Metal-organic Frameworks (MOFs) Materials market size and forecasts, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (USD/Kg), 2018-2029

Global Metal-organic Frameworks (MOFs) Materials market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (USD/Kg), 2018-2029

Global Metal-organic Frameworks (MOFs) Materials market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (USD/Kg), 2018-2029

Global Metal-organic Frameworks (MOFs) Materials market shares of main players, shipments in revenue (\$ Million), sales quantity (Kg), and ASP (USD/Kg), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Metal-organic Frameworks (MOFs) Materials

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Metal-organic Frameworks (MOFs) Materials market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BASF, MOFapps, Strem Chemicals, MOF Technologies and Framergy, Inc.. etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Metal-organic Frameworks (MOFs) Materials market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Zinc-Based

Copper-Based

Iron-Based

Aluminum-Based

Magnesium-Based

Others

Market segment by Application

Gas Storage

Adsorption Separation

Catalytic

Others

Major players covered

BASF

MOFapps

Strem Chemicals

MOF Technologies

Framergy, Inc.

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Metal-organic Frameworks (MOFs) Materials product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Metal-organic Frameworks (MOFs) Materials, with price, sales, revenue and global market share of Metal-organic Frameworks (MOFs) Materials from 2018 to 2023.

Chapter 3, the Metal-organic Frameworks (MOFs) Materials competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Metal-organic Frameworks (MOFs) Materials breakdown data are shown

at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Metal-organic Frameworks (MOFs) Materials market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Metal-organic Frameworks (MOFs) Materials.

Chapter 14 and 15, to describe Metal-organic Frameworks (MOFs) Materials sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Metal-organic Frameworks (MOFs) Materials
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Zinc-Based
 - 1.3.3 Copper-Based
 - 1.3.4 Iron-Based
 - 1.3.5 Aluminum-Based
 - 1.3.6 Magnesium-Based
 - 1.3.7 Others
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Gas Storage
 - 1.4.3 Adsorption Separation
 - 1.4.4 Catalytic
 - 1.4.5 Others
- 1.5 Global Metal-organic Frameworks (MOFs) Materials Market Size & Forecast
 - 1.5.1 Global Metal-organic Frameworks (MOFs) Materials Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Metal-organic Frameworks (MOFs) Materials Sales Quantity (2018-2029)
 - 1.5.3 Global Metal-organic Frameworks (MOFs) Materials Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 BASF
 - 2.1.1 BASF Details
 - 2.1.2 BASF Major Business
 - 2.1.3 BASF Metal-organic Frameworks (MOFs) Materials Product and Services
 - 2.1.4 BASF Metal-organic Frameworks (MOFs) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 BASF Recent Developments/Updates
- 2.2 MOFapps
 - 2.2.1 MOFapps Details

- 2.2.2 MOFapps Major Business
- 2.2.3 MOFapps Metal-organic Frameworks (MOFs) Materials Product and Services
- 2.2.4 MOFapps Metal-organic Frameworks (MOFs) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 MOFapps Recent Developments/Updates
- 2.3 Strem Chemicals
 - 2.3.1 Strem Chemicals Details
 - 2.3.2 Strem Chemicals Major Business
 - 2.3.3 Strem Chemicals Metal-organic Frameworks (MOFs) Materials Product and Services
 - 2.3.4 Strem Chemicals Metal-organic Frameworks (MOFs) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.3.5 Strem Chemicals Recent Developments/Updates
- 2.4 MOF Technologies
 - 2.4.1 MOF Technologies Details
 - 2.4.2 MOF Technologies Major Business
 - 2.4.3 MOF Technologies Metal-organic Frameworks (MOFs) Materials Product and Services
 - 2.4.4 MOF Technologies Metal-organic Frameworks (MOFs) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.4.5 MOF Technologies Recent Developments/Updates
- 2.5 Framergy, Inc.
 - 2.5.1 Framergy, Inc. Details
 - 2.5.2 Framergy, Inc. Major Business
 - 2.5.3 Framergy, Inc. Metal-organic Frameworks (MOFs) Materials Product and Services
 - 2.5.4 Framergy, Inc. Metal-organic Frameworks (MOFs) Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.5.5 Framergy, Inc. Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: METAL-ORGANIC FRAMEWORKS (MOFS) MATERIALS BY MANUFACTURER

- 3.1 Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Metal-organic Frameworks (MOFs) Materials Revenue by Manufacturer (2018-2023)
- 3.3 Global Metal-organic Frameworks (MOFs) Materials Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Metal-organic Frameworks (MOFs) Materials by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Metal-organic Frameworks (MOFs) Materials Manufacturer Market Share in 2022

3.4.2 Top 6 Metal-organic Frameworks (MOFs) Materials Manufacturer Market Share in 2022

3.5 Metal-organic Frameworks (MOFs) Materials Market: Overall Company Footprint Analysis

3.5.1 Metal-organic Frameworks (MOFs) Materials Market: Region Footprint

3.5.2 Metal-organic Frameworks (MOFs) Materials Market: Company Product Type Footprint

3.5.3 Metal-organic Frameworks (MOFs) Materials Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Metal-organic Frameworks (MOFs) Materials Market Size by Region

4.1.1 Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Region (2018-2029)

4.1.2 Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Region (2018-2029)

4.1.3 Global Metal-organic Frameworks (MOFs) Materials Average Price by Region (2018-2029)

4.2 North America Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029)

4.3 Europe Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029)

4.4 Asia-Pacific Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029)

4.5 South America Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029)

4.6 Middle East and Africa Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2029)

5.2 Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Type (2018-2029)

5.3 Global Metal-organic Frameworks (MOFs) Materials Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2029)

6.2 Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Application (2018-2029)

6.3 Global Metal-organic Frameworks (MOFs) Materials Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2029)

7.2 North America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2029)

7.3 North America Metal-organic Frameworks (MOFs) Materials Market Size by Country

7.3.1 North America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country (2018-2029)

7.3.2 North America Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2029)

8.2 Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2029)

8.3 Europe Metal-organic Frameworks (MOFs) Materials Market Size by Country

8.3.1 Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country

(2018-2029)

8.3.2 Europe Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Metal-organic Frameworks (MOFs) Materials Market Size by Region

9.3.1 Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Metal-organic Frameworks (MOFs) Materials Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2029)

10.2 South America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2029)

10.3 South America Metal-organic Frameworks (MOFs) Materials Market Size by Country

10.3.1 South America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country (2018-2029)

10.3.2 South America Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2018-2029)

- 10.3.3 Brazil Market Size and Forecast (2018-2029)
- 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Metal-organic Frameworks (MOFs) Materials Market Size by Country
 - 11.3.1 Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country (2018-2029)
 - 11.3.2 Middle East & Africa Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2018-2029)
 - 11.3.3 Turkey Market Size and Forecast (2018-2029)
 - 11.3.4 Egypt Market Size and Forecast (2018-2029)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
 - 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 Metal-organic Frameworks (MOFs) Materials Market Drivers
- 12.2 Metal-organic Frameworks (MOFs) Materials Market Restraints
- 12.3 Metal-organic Frameworks (MOFs) Materials Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
 - 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Metal-organic Frameworks (MOFs) Materials and Key Manufacturers

- 13.2 Manufacturing Costs Percentage of Metal-organic Frameworks (MOFs) Materials
- 13.3 Metal-organic Frameworks (MOFs) Materials Production Process
- 13.4 Metal-organic Frameworks (MOFs) Materials Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Metal-organic Frameworks (MOFs) Materials Typical Distributors
- 14.3 Metal-organic Frameworks (MOFs) Materials Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. BASF Basic Information, Manufacturing Base and Competitors

Table 4. BASF Major Business

Table 5. BASF Metal-organic Frameworks (MOFs) Materials Product and Services

Table 6. BASF Metal-organic Frameworks (MOFs) Materials Sales Quantity (Kg), Average Price (USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. BASF Recent Developments/Updates

Table 8. MOFapps Basic Information, Manufacturing Base and Competitors

Table 9. MOFapps Major Business

Table 10. MOFapps Metal-organic Frameworks (MOFs) Materials Product and Services

Table 11. MOFapps Metal-organic Frameworks (MOFs) Materials Sales Quantity (Kg), Average Price (USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. MOFapps Recent Developments/Updates

Table 13. Strem Chemicals Basic Information, Manufacturing Base and Competitors

Table 14. Strem Chemicals Major Business

Table 15. Strem Chemicals Metal-organic Frameworks (MOFs) Materials Product and Services

Table 16. Strem Chemicals Metal-organic Frameworks (MOFs) Materials Sales Quantity (Kg), Average Price (USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Strem Chemicals Recent Developments/Updates

Table 18. MOF Technologies Basic Information, Manufacturing Base and Competitors

Table 19. MOF Technologies Major Business

Table 20. MOF Technologies Metal-organic Frameworks (MOFs) Materials Product and Services

Table 21. MOF Technologies Metal-organic Frameworks (MOFs) Materials Sales Quantity (Kg), Average Price (USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. MOF Technologies Recent Developments/Updates

Table 23. Framergy, Inc. Basic Information, Manufacturing Base and Competitors

Table 24. Framergy, Inc. Major Business

Table 25. Framergy, Inc. Metal-organic Frameworks (MOFs) Materials Product and Services

Table 26. Framergy, Inc. Metal-organic Frameworks (MOFs) Materials Sales Quantity (Kg), Average Price (USD/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Framergy, Inc. Recent Developments/Updates

Table 28. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Manufacturer (2018-2023) & (Kg)

Table 29. Global Metal-organic Frameworks (MOFs) Materials Revenue by Manufacturer (2018-2023) & (USD Million)

Table 30. Global Metal-organic Frameworks (MOFs) Materials Average Price by Manufacturer (2018-2023) & (USD/Kg)

Table 31. Market Position of Manufacturers in Metal-organic Frameworks (MOFs) Materials, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 32. Head Office and Metal-organic Frameworks (MOFs) Materials Production Site of Key Manufacturer

Table 33. Metal-organic Frameworks (MOFs) Materials Market: Company Product Type Footprint

Table 34. Metal-organic Frameworks (MOFs) Materials Market: Company Product Application Footprint

Table 35. Metal-organic Frameworks (MOFs) Materials New Market Entrants and Barriers to Market Entry

Table 36. Metal-organic Frameworks (MOFs) Materials Mergers, Acquisition, Agreements, and Collaborations

Table 37. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Region (2018-2023) & (Kg)

Table 38. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Region (2024-2029) & (Kg)

Table 39. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Region (2018-2023) & (USD Million)

Table 40. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Region (2024-2029) & (USD Million)

Table 41. Global Metal-organic Frameworks (MOFs) Materials Average Price by Region (2018-2023) & (USD/Kg)

Table 42. Global Metal-organic Frameworks (MOFs) Materials Average Price by Region (2024-2029) & (USD/Kg)

Table 43. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2023) & (Kg)

Table 44. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2024-2029) & (Kg)

Table 45. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Type (2018-2023) & (USD Million)

Table 46. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Type (2024-2029) & (USD Million)

Table 47. Global Metal-organic Frameworks (MOFs) Materials Average Price by Type (2018-2023) & (USD/Kg)

Table 48. Global Metal-organic Frameworks (MOFs) Materials Average Price by Type (2024-2029) & (USD/Kg)

Table 49. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2023) & (Kg)

Table 50. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2024-2029) & (Kg)

Table 51. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Application (2018-2023) & (USD Million)

Table 52. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Application (2024-2029) & (USD Million)

Table 53. Global Metal-organic Frameworks (MOFs) Materials Average Price by Application (2018-2023) & (USD/Kg)

Table 54. Global Metal-organic Frameworks (MOFs) Materials Average Price by Application (2024-2029) & (USD/Kg)

Table 55. North America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2023) & (Kg)

Table 56. North America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2024-2029) & (Kg)

Table 57. North America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2023) & (Kg)

Table 58. North America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2024-2029) & (Kg)

Table 59. North America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country (2018-2023) & (Kg)

Table 60. North America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country (2024-2029) & (Kg)

Table 61. North America Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2018-2023) & (USD Million)

Table 62. North America Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2024-2029) & (USD Million)

Table 63. Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type

(2018-2023) & (Kg)

Table 64. Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2024-2029) & (Kg)

Table 65. Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2023) & (Kg)

Table 66. Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2024-2029) & (Kg)

Table 67. Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country (2018-2023) & (Kg)

Table 68. Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country (2024-2029) & (Kg)

Table 69. Europe Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2018-2023) & (USD Million)

Table 70. Europe Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2024-2029) & (USD Million)

Table 71. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2023) & (Kg)

Table 72. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2024-2029) & (Kg)

Table 73. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2023) & (Kg)

Table 74. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2024-2029) & (Kg)

Table 75. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity by Region (2018-2023) & (Kg)

Table 76. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity by Region (2024-2029) & (Kg)

Table 77. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Consumption Value by Region (2018-2023) & (USD Million)

Table 78. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Consumption Value by Region (2024-2029) & (USD Million)

Table 79. South America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2023) & (Kg)

Table 80. South America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2024-2029) & (Kg)

Table 81. South America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2023) & (Kg)

Table 82. South America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2024-2029) & (Kg)

Table 83. South America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country (2018-2023) & (Kg)

Table 84. South America Metal-organic Frameworks (MOFs) Materials Sales Quantity by Country (2024-2029) & (Kg)

Table 85. South America Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2018-2023) & (USD Million)

Table 86. South America Metal-organic Frameworks (MOFs) Materials Consumption Value by Country (2024-2029) & (USD Million)

Table 87. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2018-2023) & (Kg)

Table 88. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity by Type (2024-2029) & (Kg)

Table 89. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2018-2023) & (Kg)

Table 90. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity by Application (2024-2029) & (Kg)

Table 91. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity by Region (2018-2023) & (Kg)

Table 92. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity by Region (2024-2029) & (Kg)

Table 93. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Consumption Value by Region (2018-2023) & (USD Million)

Table 94. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Consumption Value by Region (2024-2029) & (USD Million)

Table 95. Metal-organic Frameworks (MOFs) Materials Raw Material

Table 96. Key Manufacturers of Metal-organic Frameworks (MOFs) Materials Raw Materials

Table 97. Metal-organic Frameworks (MOFs) Materials Typical Distributors

Table 98. Metal-organic Frameworks (MOFs) Materials Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Metal-organic Frameworks (MOFs) Materials Picture
- Figure 2. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Type in 2022
- Figure 4. Zinc-Based Examples
- Figure 5. Copper-Based Examples
- Figure 6. Iron-Based Examples
- Figure 7. Aluminum-Based Examples
- Figure 8. Magnesium-Based Examples
- Figure 9. Others Examples
- Figure 10. Global Metal-organic Frameworks (MOFs) Materials Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 11. Global Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Application in 2022
- Figure 12. Gas Storage Examples
- Figure 13. Adsorption Separation Examples
- Figure 14. Catalytic Examples
- Figure 15. Others Examples
- Figure 16. Global Metal-organic Frameworks (MOFs) Materials Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 17. Global Metal-organic Frameworks (MOFs) Materials Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 18. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity (2018-2029) & (Kg)
- Figure 19. Global Metal-organic Frameworks (MOFs) Materials Average Price (2018-2029) & (USD/Kg)
- Figure 20. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Manufacturer in 2022
- Figure 21. Global Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Manufacturer in 2022
- Figure 22. Producer Shipments of Metal-organic Frameworks (MOFs) Materials by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 23. Top 3 Metal-organic Frameworks (MOFs) Materials Manufacturer (Consumption Value) Market Share in 2022

- Figure 24. Top 6 Metal-organic Frameworks (MOFs) Materials Manufacturer (Consumption Value) Market Share in 2022
- Figure 25. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Region (2018-2029)
- Figure 26. Global Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Region (2018-2029)
- Figure 27. North America Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029) & (USD Million)
- Figure 28. Europe Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029) & (USD Million)
- Figure 29. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029) & (USD Million)
- Figure 30. South America Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029) & (USD Million)
- Figure 31. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Consumption Value (2018-2029) & (USD Million)
- Figure 32. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Type (2018-2029)
- Figure 33. Global Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Type (2018-2029)
- Figure 34. Global Metal-organic Frameworks (MOFs) Materials Average Price by Type (2018-2029) & (USD/Kg)
- Figure 35. Global Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Application (2018-2029)
- Figure 36. Global Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Application (2018-2029)
- Figure 37. Global Metal-organic Frameworks (MOFs) Materials Average Price by Application (2018-2029) & (USD/Kg)
- Figure 38. North America Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Type (2018-2029)
- Figure 39. North America Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Application (2018-2029)
- Figure 40. North America Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Country (2018-2029)
- Figure 41. North America Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Country (2018-2029)
- Figure 42. United States Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 43. Canada Metal-organic Frameworks (MOFs) Materials Consumption Value

and Growth Rate (2018-2029) & (USD Million)

Figure 44. Mexico Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Type (2018-2029)

Figure 46. Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Application (2018-2029)

Figure 47. Europe Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Country (2018-2029)

Figure 48. Europe Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Country (2018-2029)

Figure 49. Germany Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. France Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. United Kingdom Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Russia Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Italy Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Type (2018-2029)

Figure 55. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Application (2018-2029)

Figure 56. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Region (2018-2029)

Figure 57. Asia-Pacific Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Region (2018-2029)

Figure 58. China Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Japan Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Korea Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. India Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Southeast Asia Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Australia Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. South America Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Type (2018-2029)

Figure 65. South America Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Application (2018-2029)

Figure 66. South America Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Country (2018-2029)

Figure 67. South America Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Country (2018-2029)

Figure 68. Brazil Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Argentina Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Type (2018-2029)

Figure 71. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Application (2018-2029)

Figure 72. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Sales Quantity Market Share by Region (2018-2029)

Figure 73. Middle East & Africa Metal-organic Frameworks (MOFs) Materials Consumption Value Market Share by Region (2018-2029)

Figure 74. Turkey Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Egypt Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Saudi Arabia Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. South Africa Metal-organic Frameworks (MOFs) Materials Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. Metal-organic Frameworks (MOFs) Materials Market Drivers

Figure 79. Metal-organic Frameworks (MOFs) Materials Market Restraints

Figure 80. Metal-organic Frameworks (MOFs) Materials Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Metal-organic Frameworks (MOFs) Materials in 2022

Figure 83. Manufacturing Process Analysis of Metal-organic Frameworks (MOFs) Materials

Figure 84. Metal-organic Frameworks (MOFs) Materials Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

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