

# Global Metal-Organic Frameworks (MOF) Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G92D3AA90A7DEN.html>

Date: June 2023

Pages: 103

Price: US\$ 4,480.00 (Single User License)

ID: G92D3AA90A7DEN

## Abstracts

The global Metal-Organic Frameworks (MOF) market size is expected to reach \$ 1300.4 million by 2029, rising at a market growth of 20.0% CAGR during the forecast period (2023-2029).

Global key players of metal-organic frameworks (MOF) include BASF, MOFapps and Strem Chemicals. The top three players hold a share about 97%. Europe is the largest production region, with a market share of over 95%. In terms of product, zinc-based is the largest segment, with a share about 17%. And in terms of application, the largest application is gas storage, with a share about 61%.

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 m<sup>2</sup>/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.

This report studies the global Metal-Organic Frameworks (MOF) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Metal-Organic Frameworks (MOF), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Metal-Organic Frameworks (MOF) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Metal-Organic Frameworks (MOF) total production and demand, 2018-2029, (Kg)

Global Metal-Organic Frameworks (MOF) total production value, 2018-2029, (USD Million)

Global Metal-Organic Frameworks (MOF) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Metal-Organic Frameworks (MOF) consumption by region & country, CAGR, 2018-2029 & (Kg)

U.S. VS China: Metal-Organic Frameworks (MOF) domestic production, consumption, key domestic manufacturers and share

Global Metal-Organic Frameworks (MOF) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Kg)

Global Metal-Organic Frameworks (MOF) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Metal-Organic Frameworks (MOF) production by Application production, value, CAGR, 2018-2029, (USD Million) & (Kg)

This reports profiles key players in the global Metal-Organic Frameworks (MOF) 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, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Metal-Organic Frameworks (MOF) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kg) and average price (US\$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Metal-Organic Frameworks (MOF) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Metal-Organic Frameworks (MOF) Market, Segmentation by Type

Zinc-Based

Copper-Based

Iron-Based

Aluminum-Based

Magnesium-Based

Others

## Global Metal-Organic Frameworks (MOF) Market, Segmentation by Application

Gas Storage

Adsorption Separation

Catalytic

Others

## Companies Profiled:

BASF

MOFapps

Strem Chemicals

MOF Technologies

Framergy

## Key Questions Answered

1. How big is the global Metal-Organic Frameworks (MOF) market?
2. What is the demand of the global Metal-Organic Frameworks (MOF) market?

3. What is the year over year growth of the global Metal-Organic Frameworks (MOF) market?
4. What is the production and production value of the global Metal-Organic Frameworks (MOF) market?
5. Who are the key producers in the global Metal-Organic Frameworks (MOF) market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Metal-Organic Frameworks (MOF) Introduction
- 1.2 World Metal-Organic Frameworks (MOF) Supply & Forecast
  - 1.2.1 World Metal-Organic Frameworks (MOF) Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Metal-Organic Frameworks (MOF) Production (2018-2029)
  - 1.2.3 World Metal-Organic Frameworks (MOF) Pricing Trends (2018-2029)
- 1.3 World Metal-Organic Frameworks (MOF) Production by Region (Based on Production Site)
  - 1.3.1 World Metal-Organic Frameworks (MOF) Production Value by Region (2018-2029)
  - 1.3.2 World Metal-Organic Frameworks (MOF) Production by Region (2018-2029)
  - 1.3.3 World Metal-Organic Frameworks (MOF) Average Price by Region (2018-2029)
  - 1.3.4 North America Metal-Organic Frameworks (MOF) Production (2018-2029)
  - 1.3.5 Europe Metal-Organic Frameworks (MOF) Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Metal-Organic Frameworks (MOF) Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Metal-Organic Frameworks (MOF) Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Metal-Organic Frameworks (MOF) Demand (2018-2029)
- 2.2 World Metal-Organic Frameworks (MOF) Consumption by Region
  - 2.2.1 World Metal-Organic Frameworks (MOF) Consumption by Region (2018-2023)
  - 2.2.2 World Metal-Organic Frameworks (MOF) Consumption Forecast by Region (2024-2029)
- 2.3 United States Metal-Organic Frameworks (MOF) Consumption (2018-2029)
- 2.4 China Metal-Organic Frameworks (MOF) Consumption (2018-2029)
- 2.5 Europe Metal-Organic Frameworks (MOF) Consumption (2018-2029)
- 2.6 Japan Metal-Organic Frameworks (MOF) Consumption (2018-2029)
- 2.7 South Korea Metal-Organic Frameworks (MOF) Consumption (2018-2029)
- 2.8 ASEAN Metal-Organic Frameworks (MOF) Consumption (2018-2029)

## 2.9 India Metal-Organic Frameworks (MOF) Consumption (2018-2029)

### **3 WORLD METAL-ORGANIC FRAMEWORKS (MOF) MANUFACTURERS COMPETITIVE ANALYSIS**

#### 3.1 World Metal-Organic Frameworks (MOF) Production Value by Manufacturer (2018-2023)

#### 3.2 World Metal-Organic Frameworks (MOF) Production by Manufacturer (2018-2023)

#### 3.3 World Metal-Organic Frameworks (MOF) Average Price by Manufacturer (2018-2023)

#### 3.4 Metal-Organic Frameworks (MOF) Company Evaluation Quadrant

#### 3.5 Industry Rank and Concentration Rate (CR)

##### 3.5.1 Global Metal-Organic Frameworks (MOF) Industry Rank of Major Manufacturers

##### 3.5.2 Global Concentration Ratios (CR4) for Metal-Organic Frameworks (MOF) in 2022

##### 3.5.3 Global Concentration Ratios (CR8) for Metal-Organic Frameworks (MOF) in 2022

#### 3.6 Metal-Organic Frameworks (MOF) Market: Overall Company Footprint Analysis

##### 3.6.1 Metal-Organic Frameworks (MOF) Market: Region Footprint

##### 3.6.2 Metal-Organic Frameworks (MOF) Market: Company Product Type Footprint

##### 3.6.3 Metal-Organic Frameworks (MOF) Market: Company Product Application Footprint

#### 3.7 Competitive Environment

##### 3.7.1 Historical Structure of the Industry

##### 3.7.2 Barriers of Market Entry

##### 3.7.3 Factors of Competition

#### 3.8 New Entrant and Capacity Expansion Plans

#### 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

#### 4.1 United States VS China: Metal-Organic Frameworks (MOF) Production Value Comparison

##### 4.1.1 United States VS China: Metal-Organic Frameworks (MOF) Production Value Comparison (2018 & 2022 & 2029)

##### 4.1.2 United States VS China: Metal-Organic Frameworks (MOF) Production Value Market Share Comparison (2018 & 2022 & 2029)

#### 4.2 United States VS China: Metal-Organic Frameworks (MOF) Production Comparison

##### 4.2.1 United States VS China: Metal-Organic Frameworks (MOF) Production

Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Metal-Organic Frameworks (MOF) Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Metal-Organic Frameworks (MOF) Consumption Comparison

4.3.1 United States VS China: Metal-Organic Frameworks (MOF) Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Metal-Organic Frameworks (MOF) Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Metal-Organic Frameworks (MOF) Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Metal-Organic Frameworks (MOF) Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Metal-Organic Frameworks (MOF) Production Value (2018-2023)

4.4.3 United States Based Manufacturers Metal-Organic Frameworks (MOF) Production (2018-2023)

4.5 China Based Metal-Organic Frameworks (MOF) Manufacturers and Market Share

4.5.1 China Based Metal-Organic Frameworks (MOF) Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Metal-Organic Frameworks (MOF) Production Value (2018-2023)

4.5.3 China Based Manufacturers Metal-Organic Frameworks (MOF) Production (2018-2023)

4.6 Rest of World Based Metal-Organic Frameworks (MOF) Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Metal-Organic Frameworks (MOF) Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Metal-Organic Frameworks (MOF) Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Metal-Organic Frameworks (MOF) Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Metal-Organic Frameworks (MOF) Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Zinc-Based



5.2.2 Copper-Based

5.2.3 Iron-Based

5.2.4 Aluminum-Based

5.2.5 Magnesium-Based

5.2.6 Others

5.3 Market Segment by Type

5.3.1 World Metal-Organic Frameworks (MOF) Production by Type (2018-2029)

5.3.2 World Metal-Organic Frameworks (MOF) Production Value by Type (2018-2029)

5.3.3 World Metal-Organic Frameworks (MOF) Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Metal-Organic Frameworks (MOF) Market Size Overview by Application:  
2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Gas Storage

6.2.2 Adsorption Separation

6.2.3 Catalytic

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Metal-Organic Frameworks (MOF) Production by Application (2018-2029)

6.3.2 World Metal-Organic Frameworks (MOF) Production Value by Application  
(2018-2029)

6.3.3 World Metal-Organic Frameworks (MOF) Average Price by Application  
(2018-2029)

## **7 COMPANY PROFILES**

7.1 BASF

7.1.1 BASF Details

7.1.2 BASF Major Business

7.1.3 BASF Metal-Organic Frameworks (MOF) Product and Services

7.1.4 BASF Metal-Organic Frameworks (MOF) Production, Price, Value, Gross Margin  
and Market Share (2018-2023)

7.1.5 BASF Recent Developments/Updates

7.1.6 BASF Competitive Strengths & Weaknesses

7.2 MOFapps

7.2.1 MOFapps Details

7.2.2 MOFapps Major Business

- 7.2.3 MOFapps Metal-Organic Frameworks (MOF) Product and Services
- 7.2.4 MOFapps Metal-Organic Frameworks (MOF) Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 MOFapps Recent Developments/Updates
- 7.2.6 MOFapps Competitive Strengths & Weaknesses
- 7.3 Strem Chemicals
  - 7.3.1 Strem Chemicals Details
  - 7.3.2 Strem Chemicals Major Business
  - 7.3.3 Strem Chemicals Metal-Organic Frameworks (MOF) Product and Services
  - 7.3.4 Strem Chemicals Metal-Organic Frameworks (MOF) Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.3.5 Strem Chemicals Recent Developments/Updates
  - 7.3.6 Strem Chemicals Competitive Strengths & Weaknesses
- 7.4 MOF Technologies
  - 7.4.1 MOF Technologies Details
  - 7.4.2 MOF Technologies Major Business
  - 7.4.3 MOF Technologies Metal-Organic Frameworks (MOF) Product and Services
  - 7.4.4 MOF Technologies Metal-Organic Frameworks (MOF) Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 MOF Technologies Recent Developments/Updates
  - 7.4.6 MOF Technologies Competitive Strengths & Weaknesses
- 7.5 Framergy
  - 7.5.1 Framergy Details
  - 7.5.2 Framergy Major Business
  - 7.5.3 Framergy Metal-Organic Frameworks (MOF) Product and Services
  - 7.5.4 Framergy Metal-Organic Frameworks (MOF) Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Framergy Recent Developments/Updates
  - 7.5.6 Framergy Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Metal-Organic Frameworks (MOF) Industry Chain
- 8.2 Metal-Organic Frameworks (MOF) Upstream Analysis
  - 8.2.1 Metal-Organic Frameworks (MOF) Core Raw Materials
  - 8.2.2 Main Manufacturers of Metal-Organic Frameworks (MOF) Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Metal-Organic Frameworks (MOF) Production Mode

8.6 Metal-Organic Frameworks (MOF) Procurement Model

8.7 Metal-Organic Frameworks (MOF) Industry Sales Model and Sales Channels

8.7.1 Metal-Organic Frameworks (MOF) Sales Model

8.7.2 Metal-Organic Frameworks (MOF) Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Metal-Organic Frameworks (MOF) Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Metal-Organic Frameworks (MOF) Production Value by Region (2018-2023) & (USD Million)

Table 3. World Metal-Organic Frameworks (MOF) Production Value by Region (2024-2029) & (USD Million)

Table 4. World Metal-Organic Frameworks (MOF) Production Value Market Share by Region (2018-2023)

Table 5. World Metal-Organic Frameworks (MOF) Production Value Market Share by Region (2024-2029)

Table 6. World Metal-Organic Frameworks (MOF) Production by Region (2018-2023) & (Kg)

Table 7. World Metal-Organic Frameworks (MOF) Production by Region (2024-2029) & (Kg)

Table 8. World Metal-Organic Frameworks (MOF) Production Market Share by Region (2018-2023)

Table 9. World Metal-Organic Frameworks (MOF) Production Market Share by Region (2024-2029)

Table 10. World Metal-Organic Frameworks (MOF) Average Price by Region (2018-2023) & (US\$/Kg)

Table 11. World Metal-Organic Frameworks (MOF) Average Price by Region (2024-2029) & (US\$/Kg)

Table 12. Metal-Organic Frameworks (MOF) Major Market Trends

Table 13. World Metal-Organic Frameworks (MOF) Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Kg)

Table 14. World Metal-Organic Frameworks (MOF) Consumption by Region (2018-2023) & (Kg)

Table 15. World Metal-Organic Frameworks (MOF) Consumption Forecast by Region (2024-2029) & (Kg)

Table 16. World Metal-Organic Frameworks (MOF) Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Metal-Organic Frameworks (MOF) Producers in 2022

Table 18. World Metal-Organic Frameworks (MOF) Production by Manufacturer (2018-2023) & (Kg)

Table 19. Production Market Share of Key Metal-Organic Frameworks (MOF) Producers in 2022

Table 20. World Metal-Organic Frameworks (MOF) Average Price by Manufacturer (2018-2023) & (US\$/Kg)

Table 21. Global Metal-Organic Frameworks (MOF) Company Evaluation Quadrant

Table 22. World Metal-Organic Frameworks (MOF) Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Metal-Organic Frameworks (MOF) Production Site of Key Manufacturer

Table 24. Metal-Organic Frameworks (MOF) Market: Company Product Type Footprint

Table 25. Metal-Organic Frameworks (MOF) Market: Company Product Application Footprint

Table 26. Metal-Organic Frameworks (MOF) Competitive Factors

Table 27. Metal-Organic Frameworks (MOF) New Entrant and Capacity Expansion Plans

Table 28. Metal-Organic Frameworks (MOF) Mergers & Acquisitions Activity

Table 29. United States VS China Metal-Organic Frameworks (MOF) Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Metal-Organic Frameworks (MOF) Production Comparison, (2018 & 2022 & 2029) & (Kg)

Table 31. United States VS China Metal-Organic Frameworks (MOF) Consumption Comparison, (2018 & 2022 & 2029) & (Kg)

Table 32. United States Based Metal-Organic Frameworks (MOF) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Metal-Organic Frameworks (MOF) Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Metal-Organic Frameworks (MOF) Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Metal-Organic Frameworks (MOF) Production (2018-2023) & (Kg)

Table 36. United States Based Manufacturers Metal-Organic Frameworks (MOF) Production Market Share (2018-2023)

Table 37. China Based Metal-Organic Frameworks (MOF) Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Metal-Organic Frameworks (MOF) Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Metal-Organic Frameworks (MOF) Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Metal-Organic Frameworks (MOF) Production

(2018-2023) & (Kg)

Table 41. China Based Manufacturers Metal-Organic Frameworks (MOF) Production Market Share (2018-2023)

Table 42. Rest of World Based Metal-Organic Frameworks (MOF) Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Metal-Organic Frameworks (MOF) Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Metal-Organic Frameworks (MOF) Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Metal-Organic Frameworks (MOF) Production (2018-2023) & (Kg)

Table 46. Rest of World Based Manufacturers Metal-Organic Frameworks (MOF) Production Market Share (2018-2023)

Table 47. World Metal-Organic Frameworks (MOF) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Metal-Organic Frameworks (MOF) Production by Type (2018-2023) & (Kg)

Table 49. World Metal-Organic Frameworks (MOF) Production by Type (2024-2029) & (Kg)

Table 50. World Metal-Organic Frameworks (MOF) Production Value by Type (2018-2023) & (USD Million)

Table 51. World Metal-Organic Frameworks (MOF) Production Value by Type (2024-2029) & (USD Million)

Table 52. World Metal-Organic Frameworks (MOF) Average Price by Type (2018-2023) & (US\$/Kg)

Table 53. World Metal-Organic Frameworks (MOF) Average Price by Type (2024-2029) & (US\$/Kg)

Table 54. World Metal-Organic Frameworks (MOF) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Metal-Organic Frameworks (MOF) Production by Application (2018-2023) & (Kg)

Table 56. World Metal-Organic Frameworks (MOF) Production by Application (2024-2029) & (Kg)

Table 57. World Metal-Organic Frameworks (MOF) Production Value by Application (2018-2023) & (USD Million)

Table 58. World Metal-Organic Frameworks (MOF) Production Value by Application (2024-2029) & (USD Million)

Table 59. World Metal-Organic Frameworks (MOF) Average Price by Application (2018-2023) & (US\$/Kg)

- Table 60. World Metal-Organic Frameworks (MOF) Average Price by Application (2024-2029) & (US\$/Kg)
- Table 61. BASF Basic Information, Manufacturing Base and Competitors
- Table 62. BASF Major Business
- Table 63. BASF Metal-Organic Frameworks (MOF) Product and Services
- Table 64. BASF Metal-Organic Frameworks (MOF) Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 65. BASF Recent Developments/Updates
- Table 66. BASF Competitive Strengths & Weaknesses
- Table 67. MOFapps Basic Information, Manufacturing Base and Competitors
- Table 68. MOFapps Major Business
- Table 69. MOFapps Metal-Organic Frameworks (MOF) Product and Services
- Table 70. MOFapps Metal-Organic Frameworks (MOF) Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. MOFapps Recent Developments/Updates
- Table 72. MOFapps Competitive Strengths & Weaknesses
- Table 73. Strem Chemicals Basic Information, Manufacturing Base and Competitors
- Table 74. Strem Chemicals Major Business
- Table 75. Strem Chemicals Metal-Organic Frameworks (MOF) Product and Services
- Table 76. Strem Chemicals Metal-Organic Frameworks (MOF) Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Strem Chemicals Recent Developments/Updates
- Table 78. Strem Chemicals Competitive Strengths & Weaknesses
- Table 79. MOF Technologies Basic Information, Manufacturing Base and Competitors
- Table 80. MOF Technologies Major Business
- Table 81. MOF Technologies Metal-Organic Frameworks (MOF) Product and Services
- Table 82. MOF Technologies Metal-Organic Frameworks (MOF) Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. MOF Technologies Recent Developments/Updates
- Table 84. Framergy Basic Information, Manufacturing Base and Competitors
- Table 85. Framergy Major Business
- Table 86. Framergy Metal-Organic Frameworks (MOF) Product and Services
- Table 87. Framergy Metal-Organic Frameworks (MOF) Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 88. Global Key Players of Metal-Organic Frameworks (MOF) Upstream (Raw Materials)
- Table 89. Metal-Organic Frameworks (MOF) Typical Customers
- Table 90. Metal-Organic Frameworks (MOF) Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Metal-Organic Frameworks (MOF) Picture

Figure 2. World Metal-Organic Frameworks (MOF) Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Metal-Organic Frameworks (MOF) Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Metal-Organic Frameworks (MOF) Production (2018-2029) & (Kg)

Figure 5. World Metal-Organic Frameworks (MOF) Average Price (2018-2029) & (US\$/Kg)

Figure 6. World Metal-Organic Frameworks (MOF) Production Value Market Share by Region (2018-2029)

Figure 7. World Metal-Organic Frameworks (MOF) Production Market Share by Region (2018-2029)

Figure 8. North America Metal-Organic Frameworks (MOF) Production (2018-2029) & (Kg)

Figure 9. Europe Metal-Organic Frameworks (MOF) Production (2018-2029) & (Kg)

Figure 10. Metal-Organic Frameworks (MOF) Market Drivers

Figure 11. Factors Affecting Demand

Figure 12. World Metal-Organic Frameworks (MOF) Consumption (2018-2029) & (Kg)

Figure 13. World Metal-Organic Frameworks (MOF) Consumption Market Share by Region (2018-2029)

Figure 14. United States Metal-Organic Frameworks (MOF) Consumption (2018-2029) & (Kg)

Figure 15. China Metal-Organic Frameworks (MOF) Consumption (2018-2029) & (Kg)

Figure 16. Europe Metal-Organic Frameworks (MOF) Consumption (2018-2029) & (Kg)

Figure 17. Japan Metal-Organic Frameworks (MOF) Consumption (2018-2029) & (Kg)

Figure 18. South Korea Metal-Organic Frameworks (MOF) Consumption (2018-2029) & (Kg)

Figure 19. ASEAN Metal-Organic Frameworks (MOF) Consumption (2018-2029) & (Kg)

Figure 20. India Metal-Organic Frameworks (MOF) Consumption (2018-2029) & (Kg)

Figure 21. Producer Shipments of Metal-Organic Frameworks (MOF) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 22. Global Four-firm Concentration Ratios (CR4) for Metal-Organic Frameworks (MOF) Markets in 2022

Figure 23. Global Four-firm Concentration Ratios (CR8) for Metal-Organic Frameworks (MOF) Markets in 2022



Figure 24. United States VS China: Metal-Organic Frameworks (MOF) Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 25. United States VS China: Metal-Organic Frameworks (MOF) Production Market Share Comparison (2018 & 2022 & 2029)

Figure 26. United States VS China: Metal-Organic Frameworks (MOF) Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States Based Manufacturers Metal-Organic Frameworks (MOF) Production Market Share 2022

Figure 28. China Based Manufacturers Metal-Organic Frameworks (MOF) Production Market Share 2022

Figure 29. Rest of World Based Manufacturers Metal-Organic Frameworks (MOF) Production Market Share 2022

Figure 30. World Metal-Organic Frameworks (MOF) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 31. World Metal-Organic Frameworks (MOF) Production Value Market Share by Type in 2022

Figure 32. Zinc-Based

Figure 33. Copper-Based

Figure 34. Iron-Based

Figure 35. Aluminum-Based

Figure 36. Magnesium-Based

Figure 37. Others

Figure 38. World Metal-Organic Frameworks (MOF) Production Market Share by Type (2018-2029)

Figure 39. World Metal-Organic Frameworks (MOF) Production Value Market Share by Type (2018-2029)

Figure 40. World Metal-Organic Frameworks (MOF) Average Price by Type (2018-2029) & (US\$/Kg)

Figure 41. World Metal-Organic Frameworks (MOF) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World Metal-Organic Frameworks (MOF) Production Value Market Share by Application in 2022

Figure 43. Gas Storage

Figure 44. Adsorption Separation

Figure 45. Catalytic

Figure 46. Others

Figure 47. World Metal-Organic Frameworks (MOF) Production Market Share by Application (2018-2029)

Figure 48. World Metal-Organic Frameworks (MOF) Production Value Market Share by

Application (2018-2029)

Figure 49. World Metal-Organic Frameworks (MOF) Average Price by Application (2018-2029) & (US\$/Kg)

Figure 50. Metal-Organic Frameworks (MOF) Industry Chain

Figure 51. Metal-Organic Frameworks (MOF) Procurement Model

Figure 52. Metal-Organic Frameworks (MOF) Sales Model

Figure 53. Metal-Organic Frameworks (MOF) Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

## I would like to order

Product name: Global Metal-Organic Frameworks (MOF) Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G92D3AA90A7DEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G92D3AA90A7DEN.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

