

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Metal-organic Frameworks (MOF) Market 2018, Forecast to 2023

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Abstracts

Metal Organic Frameworks (MOFs), also called as Porous Coordination Polymers (PCPs) or coordination networks, are crystalline materials which 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.

Scope of the Report

This report focuses on the Metal-organic Frameworks (MOF) in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The industry is high concentration, the key brand include BASF, MOFapps, Strem Chemicals and so on. Currently, BASF is a global leader in MOF materials research and large-scale production vendor and they almost monopolize the MOF market.

Metal organic frameworks are a class of materials, so powerful in their capacity and so versatile in their application that it is a pity that to date there was practically no industrial application after more than 10 years of research. Materials were apparently up to this point not stable enough, not mechanically robust, too expensive and production methods for larger quantities were environmentally unfriendly. At present, in developed countries, the Metal-organic Frameworks industry is generally at a more advanced level. The world's largest enterprises are mainly concentrated in Europe. Meanwhile, foreign companies have more advanced equipment, strong R & D capability, and leading technical level.

The worldwide market for Metal-organic Frameworks (MOF) is expected to grow at a CAGR of roughly 34.3% over the next five years, will reach 410 million US\$ in 2023, from 70 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

BASF

MOFapps

Strem Chemicals

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Zinc-Based Type

Copper-Based Type

Iron-Based Type

Aluminum-Based Type

Magnesium-Based Type

Others

Market Segment by Applications, can be divided into

Gas Storage

Adsorption Separation

Catalytic

Other

There are 15 Chapters to deeply display the global Metal-organic Frameworks (MOF) market.

Chapter 1, to describe Metal-organic Frameworks (MOF) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Metal-organic Frameworks (MOF), with sales, revenue, and price of Metal-organic Frameworks (MOF), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Metal-organic Frameworks (MOF), for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Metal-organic Frameworks (MOF) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Metal-organic Frameworks (MOF) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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