

Global Heptafluoroisobutyronitrile Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Heptafluoroisobutyronitrile market size is expected to reach \$ 61 million by 2029, rising at a market growth of 9.1% CAGR during the forecast period (2023-2029).

Heptafluoroisobutyronitrile (C₄F₇N) is a new type of environmentally friendly insulating and arc extinguishing gas. The Greenhouse Effect Index (GWP) is only 2210, much lower than that of sulfur hexafluoride (GWP=23500). It can be used to replace the traditional sulfur hexafluoride insulating gas and greatly reduce the problem of atmospheric greenhouse effect. Perfluoroisobutyronitrile has been widely concerned by the global electrical industry and has begun to be used. It can be mixed with one or more of CO₂, N₂, O₂, and air, filled into the sealed enclosure of medium-voltage or high-voltage equipment, and used in the electrical components of the solid dielectric layer.

This report studies the global Heptafluoroisobutyronitrile production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Heptafluoroisobutyronitrile, 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 Heptafluoroisobutyronitrile that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Heptafluoroisobutyronitrile total production and demand, 2018-2029, (Tons)

Global Heptafluoroisobutyronitrile total production value, 2018-2029, (USD Million)

Global Heptafluoroisobutyronitrile production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Heptafluoroisobutyronitrile consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Heptafluoroisobutyronitrile domestic production, consumption, key domestic manufacturers and share

Global Heptafluoroisobutyronitrile production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Heptafluoroisobutyronitrile production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Heptafluoroisobutyronitrile production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Heptafluoroisobutyronitrile 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 3M, Beijing Yuji Science & Technology, Sanming Hexafluo Chemicals and GE, 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 Heptafluoroisobutyronitrile market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) 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 Heptafluoroisobutyronitrile Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Heptafluoroisobutyronitrile Market, Segmentation by Type

Industrial Grade

Reagent Grade

Global Heptafluoroisobutyronitrile Market, Segmentation by Application

Sealed Enclosure

Electrical Components

Others

Companies Profiled:

3M

Beijing Yuji Science & Technology

Sanming Hexafluoro Chemicals

GE

Key Questions Answered

1. How big is the global Heptafluoroisobutyronitrile market?
2. What is the demand of the global Heptafluoroisobutyronitrile market?
3. What is the year over year growth of the global Heptafluoroisobutyronitrile market?
4. What is the production and production value of the global Heptafluoroisobutyronitrile market?
5. Who are the key producers in the global Heptafluoroisobutyronitrile market?
6. What are the growth factors driving the market demand?

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