

Global Industrial Grade Perfluoroisobutyronitrile Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Industrial Grade Perfluoroisobutyronitrile market size is expected to reach \$ 58 million by 2029, rising at a market growth of 10.0% CAGR during the forecast period (2023-2029).

Perfluoroisobutyronitrile (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 Industrial Grade Perfluoroisobutyronitrile production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Industrial Grade Perfluoroisobutyronitrile total production and demand, 2018-2029, (Tons)

Global Industrial Grade Perfluoroisobutyronitrile total production value, 2018-2029, (USD Million)

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

Global Industrial Grade Perfluoroisobutyronitrile consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Industrial Grade Perfluoroisobutyronitrile domestic production, consumption, key domestic manufacturers and share

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

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

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

This reports profiles key players in the global Industrial Grade Perfluoroisobutyronitrile 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 Hexafluoro 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 Industrial Grade Perfluoroisobutyronitrile 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 Industrial Grade Perfluoroisobutyronitrile Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Industrial Grade Perfluoroisobutyronitrile Market, Segmentation by Type

Purity 99%

Purity 99.5%

Others

Global Industrial Grade Perfluoroisobutyronitrile Market, Segmentation by Application

Semiconductor Manufacturing

Aerospace Industry

Chemical Industry

Others

Companies Profiled:

3M

Beijing Yuji Science & Technology

Sanming Hexafluoro Chemicals

GE

Key Questions Answered

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

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