

Global Nitrile Butadiene Rubber (NBR) Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Foreign Trade, Company Share, 2015-2032

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Abstracts

The global Nitrile Butadiene Rubber (NBR) market has expanded remarkably to reach approximately 800 thousand tonnes in 2022 and is expected to grow at a CAGR of 3.74% during the forecast period until 2032.

Nitrile butadiene rubber (NBR) is a family of unsaturated copolymers of butadiene (BD) and acrylonitrile (ACN). NBR has many properties including high gas impermeability, resistance to wear and tear, thermal resistance, low temperature flexibility. NBR shows high resistance to petroleum products such as gasoline, diesel oil and other fuels over a wide temperature range. NBR is also known for high strength and excellent resistance to abrasion, water, alcohols and heat. Due to these properties, NBR find application in hose, belting and cables, o-rings and seals, latex applications, molded and extruded products, adhesives and sealants. Moreover, compression machinery and hydraulic equipment also use gaskets made with NBR extensively to prevent gas and liquid leaks. Other uses of NBR include the use of NBR powder as impact modifier for Polyvinyl chloride (PVC) and Acrylonitrile Butadiene Styrene (ABS). Due to the numerous applications of NBR there are several end use industries for NBR which include automotive, construction, machinery, pharmaceuticals, oil and gas. Growing demand for hose, belting and cable, o-rings and seals from the automotive and construction sector is expected to drive the demand of NBR during the forecast period. Due to these factors, the NBR market is expected to reach 1100 thousand tonnes in 2032.

Based on demand across the globe, the Asia Pacific is reported to be the biggest

consumer of the Nitrile Butadiene Rubber (NBR) market followed by Europe and North America. This region held a market share of approximately 60% in 2022. Due to growing demand for construction and automotive sector in the Asia Pacific region, is one of the major factors driving the Nitrile Butadiene Rubber (NBR) market around the world. It is expected that Asia Pacific will most likely remain the biggest consumer in the forecast period. Increasing population and per capita income in emerging economies is another factor propelling demand growth for nitrile butadiene rubber in Asia Pacific region.

Based on the end-user industry, the global Nitrile Butadiene Rubber (NBR) market is segmented into different industrial sectors that include Automotive, Construction, Medical Gloves, and Others. The Automotive industry is dominating the Nitrile Butadiene Rubber (NBR) market. This industry consumed approximately 48% of the market in 2022. Automotive manufacturing, oil & gas, and other end-use industries all require O-rings and seals. Manufacturing of vehicles has a direct impact on the consumption of O-rings and seals in the automotive industry. O-rings and seals are produced using nitrile rubber because of their desirable characteristics, which include low compression setting, high tensile strength, excellent abrasion resistance, and oil resistance. The NBR market is expanding as a result of the extensive usage of NBR O-rings and seals in the manufacturing, oil and gas, and automotive industries.

Major players in the production of Global Nitrile Butadiene Rubber (NBR) are Arlanxco, Kumho Petrochemical Co. Ltd., LG Chem Ltd., Kumho Petrochemical Co. Ltd., Krasnoyarsk Synthetic Rubbers Plant JSC, Blue Star NBR, LLC, Zeon Corporation, Ningbo Shunze Rubber Co., Ltd., Dynasol/Shanxi Northern Xing'an Chemicals, ARLANXEO-TSRC (Nantong) Chemical Industrial Co. Ltd., and Others.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

Objective of the Study:

Global Nitrile Butadiene Rubber (NBR) Market Analysis: Plant Capacity, Production, Operating Efficiency, Deman...

To assess the demand-supply scenario of Nitrile Butadiene Rubber (NBR) which covers production, demand and supply of Nitrile Butadiene Rubber (NBR) market in the globe.

To analyse and forecast the market size of Nitrile Butadiene Rubber (NBR)

To classify and forecast Global Nitrile Butadiene Rubber (NBR) market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of Nitrile Butadiene Rubber (NBR) market in the globe.

To extract data for Global Nitrile Butadiene Rubber (NBR) market, primary research surveys were conducted with Nitrile Butadiene Rubber (NBR) manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global Nitrile Butadiene Rubber (NBR) market over the coming years.

ChemAnalyst calculated Nitrile Butadiene Rubber (NBR) demand in the globe by analyzing the historical data and demand forecast which was carried out considering the raw materials to produce Nitrile Butadiene Rubber (NBR) . ChemAnalyst sourced these values from industry experts and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Nitrile Butadiene Rubber (NBR) s manufacturers and other stakeholders

Organizations, forums and alliances related to Nitrile Butadiene Rubber (NBR) s distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Nitrile Butadiene Rubber (NBR) s manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global Nitrile Butadiene Rubber (NBR) s market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-Use: Automotive, Construction, Medical Gloves, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Nitrile Butadiene Rubber (NBR).

2. CAPACITY BY LOCATION

To better understand the regional supply of Nitrile Butadiene Rubber (NBR) by analyzing its manufacturers' location-based capacity.

3. PLANT OPERATING EFFICIENCY

To determine what percentage manufacturers are operating their plants or how much capacity is being currently used.

4. PRODUCTION BY COMPANY

Study the historical annual production of Nitrile Butadiene Rubber (NBR) by the leading players and forecast how it will grow in the coming years.

5. DEMAND BY END- USE

Discover which end-user industry (Automotive, Construction, Medical Gloves, and Others) are creating a market and the forecast for the growth of the Nitrile Butadiene Rubber (NBR) market.

6. DEMAND BY REGION

Analyzing the change in demand of Nitrile Butadiene Rubber (NBR) in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

7. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Nitrile Butadiene Rubber (NBR). Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of

the industry's sales.

8. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or deficiency of Nitrile Butadiene Rubber (NBR).

9. COMPANY SHARE

Figure out what proportion of the market share of Nitrile Butadiene Rubber (NBR) is currently held by leading players across the globe.

10. COUNTRY-WISE EXPORT

Get details about quantity of Nitrile Butadiene Rubber (NBR) exported by major countries.

11. COUNTRY-WISE IMPORT

Get details about quantity of Nitrile Butadiene Rubber (NBR) imported by major countries.

12. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

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Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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