

# **Neoprene Market Report by Manufacturing Route (Butadiene Route, Acetylene Route), Grade (General-Purpose Grade Neoprene, Pre-Crosslinked Grade Neoprene, Sulfur-Modified Grade Neoprene, Slow Crystallizing Grade Neoprene), Application (Technical Rubber, Adhesives Industry, Latex Industry), End-User (Automotive, Manufacturing, Consumer Goods, Medical), and Region 2024-2032**

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## **Abstracts**

The global neoprene market size reached 435.0 Kilotons in 2023. Looking forward, IMARC Group expects the market to reach 552.8 Kilotons by 2032, exhibiting a growth rate (CAGR) of 2.6% during 2024-2032.

Neoprene is a synthetic rubber produced artificially by free radical polymerization of chloroprene. It was first developed in the 1930s, as an oil-resistant substitute for natural latex rubber with DuPont being the first to market the compound in 1931. Neoprene offers various advantages over natural rubber latex and other synthetic compounds. Neoprene provides a strong level of protection from oxidizing agents such as alcohols, oils, and acids and offers resistant to all acetonic solvents. It also provides high resistance to physical failures like cuts and is resistant to damage caused by abrasion, flexing and twisting. Neoprene also does not degrade in the presence of sun, ozone or weather and provides excellent adhesion to fabrics and metals. Moreover, Neoprene exhibits good chemical stability and maintains flexibility over a wide temperature range. Compared to natural rubber, neoprene is more gas permeation resistant and can tolerate higher temperatures: up to 200 degrees Fahrenheit (F). Even at such elevated temperatures, neoprene maintains its integrity, making it better suited to long-term use

in high temperature applications compared to natural rubber. Neoprene's polymer structure also allows it to be modified to create a material compound with a diverse range of chemical and physical properties, based on the product needs.

The global demand of neoprene has been increasing continuously over the last few years catalyzed by its superior physical and chemical properties. The automotive sector represents one of the biggest end users of neoprene. In the automotive industry neoprene is used in the manufacturing of tires, oil seals, power transmission belts, breaking and steering system components, hose covers, etc. Apart from the automotive industry, the growth in the construction sector is also catalyzing the demand of neoprene where it is used to provide electrical insulation; seals for windows, doors, and facades; elevator astragals; deviator pads; Highway and bridge seals, etc.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global neoprene market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on manufacturing route, grade, application and end-user.

#### Breakup by Manufacturing Route:

Butadiene Route

Acetylene Route

Based on the manufacturing route, the market has been segmented into the butadiene route and acetylene route. The butadiene route currently accounts for a higher share.

#### Breakup by Grade:

General-Purpose Grade Neoprene

Pre-Crosslinked Grade Neoprene

Sulfur-Modified Grade Neoprene

Slow Crystallizing Grade Neoprene

Based on the grade, the market has been segmented into general-purpose grade neoprene, pre-crosslinked grade neoprene, sulfur-modified grade neoprene and slow crystallizing grade neoprene.

#### Breakup by Application:

Technical Rubber  
Adhesives Industry  
Latex Industry

Based on the application, the market has been segmented into technical rubber, adhesives industry and latex industry. Technical rubber currently represents the biggest segment.

Breakup by End-User:

Automotive  
Manufacturing  
Consumer Goods  
Medical

Based on the end-user, the market has been segmented into automotive, manufacturing, consumer goods and medical. The automotive segment currently represents the biggest end user.

Breakup by Region:

Asia Pacific  
North America  
Europe  
Middle East and Africa  
Latin America

Region-wise, the market has been segmented into Asia Pacific, North America, Europe, Middle East and Africa, and Latin America. Amongst these, Asia Pacific is the biggest region, accounting for the majority of the global market.

Competitive Landscape:

The competitive landscape of the market has also been examined with some of the key players being Denka Corporation, Lanxess, Showa Denko, Tosoh, Zenith Rubber, GK GmbH Endlosband, Pidilite Industries Ltd., Covestro AG and Asahi Kasei Corporation.

Key Questions Answered in This Report:

How has the global neoprene market performed so far and how will it perform in the

coming years?

What are the key regional markets in the global neoprene industry?

What has been the impact of COVID-19 on the global neoprene market?

What is the breakup of the global neoprene market on the basis of manufacturing route?

What is the breakup of the global neoprene market on the basis of grade?

What is the breakup of the global neoprene market on the basis of application?

What is the breakup of the global neoprene market on the basis of end-user?

What are the various stages in the value chain of the global neoprene market?

What are the key driving factors and challenges in the global neoprene market?

What is the structure of the global neoprene market and who are the key players?

What is the degree of competition in the global neoprene market?

How is neoprene manufactured?

## Contents

### 1 PREFACE

### 2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### 3 EXECUTIVE SUMMARY

### 4 INTRODUCTION

- 4.1 Overview
- 4.2 Properties
- 4.3 Key Industry Trends

### 5 GLOBAL NEOPRENE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Manufacturing Route
- 5.5 Market Breakup by Grade
- 5.6 Market Breakup by Application
- 5.7 Market Breakup by End-User
- 5.8 Market Breakup by Region
- 5.9 Market Forecast

### 6 MARKET BREAKUP BY MANUFACTURING ROUTE

#### 6.1 Butadiene Route

*Neoprene Market Report by Manufacturing Route (Butadiene Route, Acetylene Route), Grade (General-Purpose Grade...*

- 6.1.1 Market Trends
- 6.1.2 Market Forecast
- 6.2 Acetylene Route
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast

## **7 MARKET BREAKUP BY GRADE**

- 7.1 General-Purpose Grade Neoprene
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Pre-Crosslinked Grade Neoprene
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Sulfur-Modified Grade Neoprene
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast
- 7.4 Slow Crystallizing Grade Neoprene
  - 7.4.1 Market Trends
  - 7.4.2 Market Forecast

## **8 MARKET BREAKUP BY APPLICATION**

- 8.1 Technical Rubber
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Adhesives Industry
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Latex Industry
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast

## **9 MARKET BREAKUP BY END-USER**

- 9.1 Automotive
  - 9.1.1 Market Trends
  - 9.1.2 Market Forecast
- 9.2 Manufacturing

- 9.2.1 Market Trends
- 9.2.2 Market Forecast
- 9.3 Consumer Goods
  - 9.3.1 Market Trends
  - 9.3.2 Market Forecast
- 9.4 Medical
  - 9.4.1 Market Trends
  - 9.4.2 Market Forecast

## **10 MARKET BREAKUP BY REGION**

- 10.1 Asia Pacific
  - 10.1.1 Market Trends
  - 10.1.2 Market Forecast
- 10.2 North America
  - 10.2.1 Market Trends
  - 10.2.2 Market Forecast
- 10.3 Europe
  - 10.3.1 Market Trends
  - 10.3.2 Market Forecast
- 10.4 Middle East and Africa
  - 10.4.1 Market Trends
  - 10.4.2 Market Forecast
- 10.5 Latin America
  - 10.5.1 Market Trends
  - 10.5.2 Market Forecast

## **11 GLOBAL NEOPRENE INDUSTRY: SWOT ANALYSIS**

- 11.1 Overview
- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

## **12 GLOBAL NEOPRENE INDUSTRY: VALUE CHAIN ANALYSIS**

- 12.1 Overview
- 12.2 Research and Development

- 12.3 Raw Material Procurement
- 12.4 Manufacturing
- 12.5 Marketing
- 12.6 Distribution
- 12.7 End-Use

## **13 GLOBAL NEOPRENE INDUSTRY: PORTERS FIVE FORCES ANALYSIS**

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

## **14 GLOBAL NEOPRENE INDUSTRY: PRICE ANALYSIS**

- 14.1 Price Indicators
- 14.2 Price Structure
- 14.3 Margin Analysis

## **15 NEOPRENE MANUFACTURING PROCESS**

- 15.1 Product Overview
- 15.2 Raw Material Requirements
- 15.3 Manufacturing Process
- 15.4 Key Success and Risk Factors

## **16 COMPETITIVE LANDSCAPE**

- 16.1 Market Structure
- 16.2 Key Players
- 16.3 Profiles of Key Players
  - 16.3.1 Denka Corporation
  - 16.3.2 Lanxess
  - 16.3.3 Showa Denko
  - 16.3.4 Tosoh
  - 16.3.5 Zenith Rubber
  - 16.3.6 GK GmbH Endlosband



16.3.7 Pidilite Industries Ltd.

16.3.8 Covestro AG

16.3.9 Asahi Kasei Corporation

## List Of Tables

### LIST OF TABLES

Table 1: Global: Neoprene Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Neoprene Market Forecast: Breakup by Manufacturing Route (in Kilotons), 2024-2032

Table 3: Global: Neoprene Market Forecast: Breakup by Grade (in Kilotons), 2024-2032

Table 4: Global: Neoprene Market Forecast: Breakup by application (in Kilotons), 2024-2032

Table 5: Global: Neoprene Market Forecast: Breakup by End-User (in Kilotons), 2024-2032

Table 6: Global: Neoprene Market Forecast: Breakup by Region (in Kilotons), 2024-2032

Table 7: Neoprene: Raw Material Requirements

Table 8: Global: Neoprene Market Structure

Table 9: Global: Neoprene Market: Key Players

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global: Neoprene Market: Major Drivers and Challenges
- Figure 2: Global: Neoprene Market: Sales Volume (in Kilotons), 2018-2023
- Figure 3: Global: Neoprene Market: Breakup by Manufacturing Route (in %), 2023
- Figure 4: Global: Neoprene Market: Breakup by Grade (in %), 2023
- Figure 5: Global: Neoprene Market: Breakup by Application (in %), 2023
- Figure 6: Global: Neoprene Market: Breakup by End-User (in %), 2023
- Figure 7: Global: Neoprene Market: Breakup by Region (in %), 2023
- Figure 8: Global: Neoprene Market Forecast: Sales Volume (in Kilotons), 2024-2032
- Figure 9: Global: Neoprene Industry: SWOT Analysis
- Figure 10: Global: Neoprene Industry: Value Chain Analysis
- Figure 11: Global: Neoprene Industry: Porter's Five Forces Analysis
- Figure 12: Global: Neoprene (Butadiene Route) Market: Sales Volume (in Kilotons), 2018 & 2023
- Figure 13: Global: Neoprene (Butadiene Route) Market Forecast: Sales Volume (in Kilotons), 2024-2032
- Figure 14: Global: Neoprene (Acetylene Route) Market: Sales Volume (in Kilotons), 2018 & 2023
- Figure 15: Global: Neoprene (Acetylene Route) Market Forecast: Sales Volume (in Kilotons), 2024-2032
- Figure 16: Global: Neoprene (General-Purpose Grade) Market: Sales Volume (in Kilotons), 2018 & 2023
- Figure 17: Global: Neoprene (General-Purpose Grade) Market Forecast: Sales Volume (in Kilotons), 2024-2032
- Figure 18: Global: Neoprene (Pre-Crosslinked Grade) Market: Sales Volume (in Kilotons), 2018 & 2023
- Figure 19: Global: Neoprene (Pre-Crosslinked Grade) Market Forecast: Sales Volume (in Kilotons), 2024-2032
- Figure 20: Global: Neoprene (Sulfur-Modified Grade) Market: Sales Volume (in Kilotons), 2018 & 2023
- Figure 21: Global: Neoprene (Sulfur-Modified Grade) Market Forecast: Sales Volume (in Kilotons), 2024-2032
- Figure 22: Global: Neoprene (Slow Crystallizing Grade) Market: Sales Volume (in Kilotons), 2018 & 2023
- Figure 23: Global: Neoprene (Slow Crystallizing Grade) Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 24: Global: Neoprene (Technical Rubber) Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 25: Global: Neoprene (Technical Rubber) Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 26: Global: Neoprene (Adhesives Industry) Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 27: Global: Neoprene (Adhesives Industry) Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 28: Global: Neoprene (Latex Industry) Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 29: Global: Neoprene (Latex Industry) Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 30: Global: Neoprene (Automotive) Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 31: Global: Neoprene (Automotive) Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 32: Global: Neoprene (Manufacturing) Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 33: Global: Neoprene (Manufacturing) Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 34: Global: Neoprene (Consumer Goods) Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 35: Global: Neoprene (Consumer Goods) Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 36: Global: Neoprene (Medical) Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 37: Global: Neoprene (Medical) Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 38: Asia Pacific: Neoprene Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 39: Asia Pacific: Neoprene Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 40: North America: Neoprene Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 41: North America: Neoprene Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 42: Europe: Neoprene Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 43: Europe: Neoprene Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 44: Middle East and Africa: Neoprene Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 45: Middle East and Africa: Neoprene Market Forecast: Sales Volume (in Kilotons), 2024-2032

Figure 46: Latin America: Neoprene Market: Sales Volume (in Kilotons), 2018 & 2023

Figure 47: Latin America: Neoprene Market Forecast: Sales Volume (in Kilotons),  
2024-2032

Figure 48: Neoprene Manufacturing: Process Flow

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