

Automotive NVH Materials Market - A Global and Regional Analysis: Focus on Application, Vehicle Type, Material Type, Region, and Competitive Landscape - Analysis and Forecast, 2025-2034

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Abstracts

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The global automotive NVH materials market is driven by the increasing demand for advanced noise, vibration, and harshness solutions in vehicles. These materials offer enhanced comfort, noise reduction, and vibration control, making them essential for improving the driving experience. The market is influenced by technological advancements, growing consumer expectations for quieter vehicles, and the shift towards electric vehicles (EVs) that require specialized NVH solutions. Key materials include thermoplastic polymers, rubber, composites, and sound-damping technologies. As the automotive industry evolves, particularly with the rise of electric and hybrid vehicles, the market for NVH materials is expected to experience substantial growth in the coming years.

Market Lifecycle Stage

The global automotive NVH materials market is currently in the growth stage of its lifecycle. Driven by advancements in automotive technology, increasing demand for quieter and more comfortable vehicles, and the shift towards electric and hybrid vehicles, this market is expanding rapidly. Innovations in noise reduction technologies, vibration damping materials, and acoustic treatments are fueling market demand. As consumer expectations for ride comfort rise and regulations around noise emissions

become stricter, the market is expected to experience steady growth. The increasing adoption of electric vehicles, with their quieter powertrains, presents significant opportunities for NVH material advancements, leading to further expansion in the coming years as automotive technology continues to evolve.

Global Automotive NVH Materials Market Segmentation:

Segmentation 1: by Application

Absorption

Damping

Insulation

Absorption is one of the prominent application segments in the global automotive NVH materials market.

Segmentation 2: by Vehicle

Passenger Cars

Light Commercial Vehicles

Heavy Commercial Vehicles

The global automotive NVH materials market is estimated to be led by the passenger cars.

Segmentation 3: by Material Type

Rubber

Thermoplastic Polymer

Resins

Fabric-like Materials

Other Material Types

Segmentation 4: by Region

North America - U.S., Canada, and Mexico

Europe - Germany, France, Italy, U.K., and Rest-of-Europe

Asia-Pacific - China, Japan, South Korea, Australia, and Rest-of-Asia-Pacific

Rest-of-the-World - South America and Middle East and Africa

In the global automotive NVH materials market, Asia-Pacific is anticipated to gain traction in terms of production, owing to the continuous growth and the presence of key manufacturers in the region.

Demand – Drivers and Limitations

The following are the demand drivers for the Global Automotive NVH Materials Market :

Rising Consumer Expectations for Comfort

Technological Advancements in NVH Materials

The Global Automotive NVH Materials Market is expected to face some limitations as well due to the following challenges:

High Cost of Advanced Materials

Complexity in Balancing Performance and Weight

Key Market Players and Competition Synopsis

The global automotive NVH materials market is highly competitive, with key players including Dow, 3M, Solvay, and Exxon Mobil Corporation. These companies dominate through advanced manufacturing techniques, extensive research and development, and strategic partnerships with automakers. Emerging players are focusing on sustainable and cost-effective solutions to meet the growing demand for high-performance NVH materials in both passenger and commercial vehicles. The market is characterized by intense competition driven by technological advancements, regulatory compliance, and increasing vehicle production, leading to rapid innovation and collaboration across the automotive value chain.

Some prominent names established in this market are:

Dow

3M

Huntsman International LLC

Solvay

NITTO DENKO CORPORATION

NVH KOREA

Exxon Mobil Corporation

Celanese Corporation

Henkel Corporation

Sumitomo Riko Company Limited

Borgers SE & Co. KGaA

Covestro AG

BASF SE

DuPont

Wolverine Advanced Materials

Companies that are not a part of the previously mentioned pool have been well represented across different sections of the report (wherever applicable).

Contents

Executive Summary
Scope and Definition
Market/Product Definition
Key Questions Answered
Analysis and Forecast Note

1. MARKETS: INDUSTRY OUTLOOK

1.1 Trends: Current and Future Impact Assessment
1.2 Supply Chain Overview
 1.2.1 Value Chain Analysis
 1.2.2 Pricing Forecast
1.3 R&D Review
 1.3.1 Patent Filing Trend by Country, by Company
1.4 Regulatory Landscape
1.5 Stakeholder Analysis
1.6 Market Dynamics Overview
 1.6.1 Market Drivers
 1.6.2 Market Restraints
 1.6.3 Market Opportunities
1.7 Startup Funding Summary

2. AUTOMOTIVE NVH MATERIALS MARKET BY APPLICATION

2.1 Application Summary
2.2 Automotive NVH Materials Market, by Application, Value, 2024-2034
 2.2.1 Absorption
 2.2.2 Damping
 2.2.3 Insulation
2.3 Automotive NVH Materials Market, by Vehicle Type, Value, 2024-2034
 2.3.1 Passenger Cars
 2.3.2 Light Commercial Vehicles
 2.3.3 Heavy Commercial Vehicles

3. AUTOMOTIVE NVH MATERIALS MARKET BY PRODUCTS

3.1 Product Summary

3.2 Automotive NVH Materials Market, by Material Type, Value, 2024-2034

- 3.2.1 Rubber
- 3.2.2 Thermoplastic Polymer
- 3.2.3 Resins
- 3.2.4 Fabric-like Materials
- 3.2.5 Other Material Types

4. AUTOMOTIVE NVH MATERIALS MARKET BY REGION

4.1 Automotive NVH Materials Market - by Region

4.2 North America

- 4.2.1 Regional Overview
 - 4.2.1.1 Driving Factors for Market Growth
 - 4.2.1.2 Factors Challenging the Market
- 4.2.2 Application
- 4.2.3 Product
- 4.2.4 North America (by Country)
 - 4.2.4.1 U.S.
 - 4.2.4.1.1 Market by Application
 - 4.2.4.1.2 Market by Product
 - 4.2.4.2 Canada
 - 4.2.4.2.1 Market by Application
 - 4.2.4.2.2 Market by Product
 - 4.2.4.3 Mexico
 - 4.2.4.3.1 Market by Application
 - 4.2.4.3.2 Market by Product

4.3 Europe

- 4.3.1 Regional Overview
 - 4.3.1.1 Driving Factors for Market Growth
 - 4.3.1.2 Factors Challenging the Market
- 4.3.2 Application
- 4.3.3 Product
- 4.3.4 Europe (by Country)
 - 4.3.4.1 Germany
 - 4.3.4.1.1 Market by Application
 - 4.3.4.1.2 Market by Product
 - 4.3.4.2 France
 - 4.3.4.2.1 Market by Application
 - 4.3.4.2.2 Market by Product

4.3.4.3 U.K

4.3.4.3.1 Market by Application

4.3.4.3.2 Market by Product

4.3.4.4 Italy

4.3.4.4.1 Market by Application

4.3.4.4.2 Market by Product

4.3.4.5 Rest-of-Europe

4.3.4.5.1 Market by Application

4.3.4.5.2 Market by Product

4.4 Asia-Pacific

4.4.1 Regional Overview

4.4.1.1 Driving Factors for Market Growth

4.4.1.2 Factors Challenging the Market

4.4.2 Application

4.4.3 Product

4.4.4 Asia-Pacific (by Country)

4.4.4.1 China

4.4.4.1.1 Market by Application

4.4.4.1.2 Market by Product

4.4.4.2 Japan

4.4.4.2.1 Market by Application

4.4.4.2.2 Market by Product

4.4.4.3 Australia

4.4.4.3.1 Market by Application

4.4.4.3.2 Market by Product

4.4.4.4 South Korea

4.4.4.4.1 Market by Application

4.4.4.4.2 Market by Product

4.4.4.5 Rest-of-Asia-Pacific

4.4.4.5.1 Market by Application

4.4.4.5.2 Market by Product

4.5 Rest-of-the-World

4.5.1 Regional Overview

4.5.1.1 Driving Factors for Market Growth

4.5.1.2 Factors Challenging the Market

4.5.2 Application

4.5.3 Product

4.5.4 Rest-of-the-World (by Region)

4.5.4.1 South America

- 4.5.4.1.1 Market by Application
- 4.5.4.1.2 Market by Product
- 4.5.4.2 Middle East and Africa
 - 4.5.4.2.1 Market by Application
 - 4.5.4.2.2 Market by Product

5. MARKETS- COMPETITIVE BENCHMARKING AND COMPANIES PROFILED

- 5.1 Next Frontier
- 5.2 Geographical Analysis
- 5.3 Competitive Benchmarking
- 5.4 Company Profiles
 - 5.4.1 Dow
 - 5.4.1.1 Overview
 - 5.4.1.2 Top Products / Product Portfolio
 - 5.4.1.3 Top Competitors
 - 5.4.1.4 Target Customers/End-Users
 - 5.4.1.5 Key Personnel
 - 5.4.1.6 Analyst View
 - 5.4.1.7 Market Share
 - 5.4.2 3M
 - 5.4.2.1 Overview
 - 5.4.2.2 Top Products / Product Portfolio
 - 5.4.2.3 Top Competitors
 - 5.4.2.4 Target Customers/End-Users
 - 5.4.2.5 Key Personnel
 - 5.4.2.6 Analyst View
 - 5.4.2.7 Market Share
 - 5.4.3 Huntsman International LLC
 - 5.4.3.1 Overview
 - 5.4.3.2 Top Products / Product Portfolio
 - 5.4.3.3 Top Competitors
 - 5.4.3.4 Target Customers/End-Users
 - 5.4.3.5 Key Personnel
 - 5.4.3.6 Analyst View
 - 5.4.3.7 Market Share
 - 5.4.4 Solvay
 - 5.4.4.1 Overview
 - 5.4.4.2 Top Products / Product Portfolio

- 5.4.4.3 Top Competitors
- 5.4.4.4 Target Customers/End-Users
- 5.4.4.5 Key Personnel
- 5.4.4.6 Analyst View
- 5.4.4.7 Market Share
- 5.4.5 NITTO DENKO CORPORATION
 - 5.4.5.1 Overview
 - 5.4.5.2 Top Products / Product Portfolio
 - 5.4.5.3 Top Competitors
 - 5.4.5.4 Target Customers/End-Users
 - 5.4.5.5 Key Personnel
 - 5.4.5.6 Analyst View
 - 5.4.5.7 Market Share
- 5.4.6 NVH KOREA
 - 5.4.6.1 Overview
 - 5.4.6.2 Top Products / Product Portfolio
 - 5.4.6.3 Top Competitors
 - 5.4.6.4 Target Customers/End-Users
 - 5.4.6.5 Key Personnel
 - 5.4.6.6 Analyst View
 - 5.4.6.7 Market Share
- 5.4.7 Exxon Mobil Corporation
 - 5.4.7.1 Overview
 - 5.4.7.2 Top Products / Product Portfolio
 - 5.4.7.3 Top Competitors
 - 5.4.7.4 Target Customers/End-Users
 - 5.4.7.5 Key Personnel
 - 5.4.7.6 Analyst View
 - 5.4.7.7 Market Share
- 5.4.8 Celanese Corporation
 - 5.4.8.1 Overview
 - 5.4.8.2 Top Products / Product Portfolio
 - 5.4.8.3 Top Competitors
 - 5.4.8.4 Target Customers/End-Users
 - 5.4.8.5 Key Personnel
 - 5.4.8.6 Analyst View
 - 5.4.8.7 Market Share
- 5.4.9 Henkel Corporation
 - 5.4.9.1 Overview

- 5.4.9.2 Top Products / Product Portfolio
- 5.4.9.3 Top Competitors
- 5.4.9.4 Target Customers/End-Users
- 5.4.9.5 Key Personnel
- 5.4.9.6 Analyst View
- 5.4.10 Sumitomo Riko Company Limited
 - 5.4.10.1 Overview
 - 5.4.10.2 Top Products / Product Portfolio
 - 5.4.10.3 Top Competitors
 - 5.4.10.4 Target Customers/End-Users
 - 5.4.10.5 Key Personnel
 - 5.4.10.6 Analyst View
- 5.4.11 Borgers SE & Co. KGaA
 - 5.4.11.1 Overview
 - 5.4.11.2 Top Products / Product Portfolio
 - 5.4.11.3 Top Competitors
 - 5.4.11.4 Target Customers/End-Users
 - 5.4.11.5 Key Personnel
 - 5.4.11.6 Analyst View
- 5.4.12 Covestro AG
 - 5.4.12.1 Overview
 - 5.4.12.2 Top Products / Product Portfolio
 - 5.4.12.3 Top Competitors
 - 5.4.12.4 Target Customers/End-Users
 - 5.4.12.5 Key Personnel
 - 5.4.12.6 Analyst View
- 5.4.13 BASF SE
 - 5.4.13.1 Overview
 - 5.4.13.2 Top Products / Product Portfolio
 - 5.4.13.3 Top Competitors
 - 5.4.13.4 Target Customers/End-Users
 - 5.4.13.5 Key Personnel
 - 5.4.13.6 Analyst View
- 5.4.14 DuPont
 - 5.4.14.1 Overview
 - 5.4.14.2 Top Products / Product Portfolio
 - 5.4.14.3 Top Competitors
 - 5.4.14.4 Target Customers/End-Users
 - 5.4.14.5 Key Personnel

5.4.14.6 Analyst View

5.4.15 Wolverine Advanced Materials

5.4.15.1 Overview

5.4.15.2 Top Products / Product Portfolio

5.4.15.3 Top Competitors

5.4.15.4 Target Customers/End-Users

5.4.15.5 Key Personnel

5.4.15.6 Analyst View

6. RESEARCH METHODOLOGY

List Of Figures

LIST OF FIGURES

Figure 1: Automotive NVH Materials Market (by Scenario), \$Billion, 2025, 2028, and 2034

Figure 2: Automotive NVH Materials Market (by Region), \$Billion, 2024, 2027, and 2034

Figure 3: Automotive NVH Materials Market (by Application), \$Billion, 2024, 2027, and 2034

Figure 4: Automotive NVH Materials Market (by Product), \$Billion, 2024, 2027, and 2034

Figure 5: Competitive Landscape Snapshot

Figure 6: Supply Chain Analysis

Figure 7: Value Chain Analysis

Figure 8: Patent Analysis (by Country), January 2021-April 2025

Figure 9: Patent Analysis (by Company), January 2021-April 2025

Figure 10: Impact Analysis of Market Navigating Factors, 2024-2034

Figure 11: U.S. Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 12: Canada Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 13: Mexico Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 14: Germany Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 15: France Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 16: U.K. Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 17: Italy Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 18: Rest-of-Europe Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 19: China Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 20: Japan Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 21: Australia Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 22: South Korea Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 23: Rest-of-Asia-Pacific Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 24: South America Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 25: Middle East and Africa Automotive NVH Materials Market, \$Billion, 2024-2034

Figure 26: Strategic Initiatives (by Company), 2021-2025

Figure 27: Share of Strategic Initiatives, 2021-2025

Figure 28: Data Triangulation

Figure 29: Top-Down and Bottom-Up Approach

Figure 30: Assumptions and Limitations

List Of Tables

LIST OF TABLES

Table 1: Market Snapshot

Table 2: Opportunities across Region

Table 3: Trends Overview

Table 4: Automotive NVH Materials Market Pricing Forecast, 2024-2034

Table 5: Application Summary (by Application)

Table 6: Product Summary (by Product)

Table 7: Automotive NVH Materials Market (by Region), \$Billion, 2024-2034

Table 8: North America Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 9: North America Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 10: U.S. Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 11: U.S. Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 12: Canada Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 13: Canada Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 14: Mexico Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 15: Mexico Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 16: Europe Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 17: Europe Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 18: Germany Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 19: Germany Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 20: France Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 21: France Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 22: U.K. Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 23: U.K. Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 24: Italy Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 25: Italy Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 26: Rest-of-Europe Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 27: Rest-of-Europe Automotive NVH Materials Market (by Product), \$Billion,

2024-2034

Table 28: Asia-Pacific Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 29: Asia-Pacific Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 30: China Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 31: China Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 32: Japan Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 33: Japan Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 34: Australia Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 35: Australia Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 36: South Korea Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 37: South Korea Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 38: Rest-of-Asia-Pacific Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 39: Rest-of-Asia-Pacific Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 40: Rest-of-the-World Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 41: Rest-of-the-World Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 42: South America Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 43: South America Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 44: Middle East and Africa Automotive NVH Materials Market (by Application), \$Billion, 2024-2034

Table 45: Middle East and Africa Automotive NVH Materials Market (by Product), \$Billion, 2024-2034

Table 46: Market Share

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