

Acoustic and Thermal Insulation Market for Electric Vehicles - A Global and Regional Analysis: Focus on Application Type, Propulsion Type, Vehicle Type, Material Type, Insulation Type, and Region - Analysis and Forecast, 2021-2031

<https://marketpublishers.com/r/A18C1CA1ED2FEN.html>

Date: August 2021

Pages: 223

Price: US\$ 5,250.00 (Single User License)

ID: A18C1CA1ED2FEN

Abstracts

Market Report Coverage - Acoustic and Thermal Insulation Market for Electric Vehicles

Market Segmentation

Application: Passenger Compartment, Rear Compartment, Under the Hood and Battery Pack, and Exterior

Propulsion: Battery Electric Vehicle, Plug-in Hybrid Electric Vehicle, Hybrid Electric Vehicle

Vehicle: Passenger Vehicle (Compact Passenger Vehicle, Midsize Passenger Vehicle, and Full-Size Passenger Vehicle) and Commercial Vehicle (Light Commercial Vehicle, Heavy Trucks, and Heavy Buses)

Material: Foam (Polyurethane, Polypropylene, and Polyethylene), Fiber (Synthetic Fiber and Natural Fiber), Pad and Mat, and Others

Insulation: Acoustic, Thermal, and Electric

Regional Segmentation

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

Europe: Germany, France, Sweden, Rest-of-Europe

U.K.

China

Asia-Pacific: Japan, South Korea, India, Rest-of-Asia-Pacific

Rest-of-the-World

Market Growth Drivers

Need for Better Driving Experience

Protecting EV Battery Components in Extreme Weather

Need to Reduce Ancillary Noise in an EV

Need for Thermal Insulation in EV Batteries to Maintain Chemical Reaction

Market Challenges

Lack of Standard Global Regulations for EV Insulating Material Quality

Maintaining Optimal Weight for Insulating Material

Preventing Thin Slot Line Insulation and Thermal Runway

Market Opportunities

Developments in Material Technology

Ecological Benefits of Better Sustainable Insulation Materials

Key Companies Profiled

ADDEV Materials, Adler Pelzer Holding GmbH, Armacell International S.A., Autoneum, CYG Tefa, INOAC Corporation, Morgan Advanced Materials plc, Pritex Limited, Shanghai Xinan Automobile Sound-Insulation Felt Co., Ltd., Sika Automotive AG, Sumitomo Riko Company Limited, Tecman Speciality Materials Ltd, Toyota Boshoku Corporation, Unifrax, Zotefoams plc

How This Report Can Add Value

Product Innovation Strategy

The product segment helps the reader in understanding different types of insulation materials utilized for acoustic and thermal insulation in electric vehicles and their market potentials globally. Moreover, the study provides the reader a detailed understanding of the acoustic and thermal insulation market for electric vehicles with respect to application type (passenger compartment, rear compartment, under the hood and battery pack, and exterior), vehicle type (passenger vehicle and commercial vehicle), propulsion type (BEV, PHEV, and HEV), and insulation type (acoustic, thermal, electric).

Key questions answered in the Report

What are the key drivers and challenges for players in the acoustic and thermal insulation market for electric vehicles?

How does the supply chain function in the acoustic and thermal insulation market for electric vehicles?

Which material type segment is expected to witness the maximum growth in the acoustic and thermal insulation market for electric vehicles during 2021-2031?

Which are the key application areas from which different acoustic and thermal insulation materials experienced high demand during the forecast period, 2021-2031?

Which are the players that are catering to the demand for different acoustic and thermal insulation materials?

What are the strategies adopted by market players involved in the acoustic and

thermal insulation market for electric vehicles?

What are the key offerings of the prominent companies in the market for acoustic and thermal insulation for electric vehicles?

Which regions and countries are leading in terms of consumption of acoustic and thermal insulation market for electric vehicles, and which of them are expected to witness high demand growth during 2021-2031?

How is the market landscape for insulation material manufacturers expected to be formed for electric vehicles?

What are the consumption patterns of acoustic and thermal insulation materials across different types of electric vehicles during the period 2021-2031?

What has been the impact of COVID-19 on the acoustic and thermal insulation market for electric vehicles?

Acoustic and Thermal Insulation Market for Electric Vehicles Market

Electric vehicle sales have slowly gained momentum in many regional markets, but the market is still minuscule as compared to the global internal combustion (IC) engine-based vehicles market. As various projections indicate that electric vehicles will eventually dominate the automotive industry, many existing vehicle manufacturers, along with several new players, have started aligning their company goals toward producing electric vehicles.

Many leading automotive OEMs have partnered with insulation material suppliers to use the materials in their electric vehicles. As governments across the world are starting to implement plans toward increasing electric vehicle sales and phasing out IC engine vehicles in their countries, the market for acoustic and thermal insulation for electric vehicles is also bound to increase.

Acoustic and Thermal Insulation Market for Electric Vehicles Industry Overview

The global acoustic and thermal insulation market for electric vehicles, along with the summary of different segmentations, are covered in this research study. The global acoustic and thermal insulation market for electric vehicles was valued at \$134.4 million

in 2020 and is projected to reach \$1,108.4 million by 2031, registering a CAGR of 20.45% during the period 2021-2031.

The growth in the global acoustic and thermal insulation market for electric vehicles is attributable to the ongoing demand for innovative, lightweight, and efficient insulation materials for electric vehicles. Generally, for the context of determining a material's thermal conduction on a flow of heat, the material's R-value is calculated. The higher the R-value, the better the insulating effectiveness of the material. The current demand for insulation materials for electric vehicles is to be lightweight, cheap, and with a higher R-value for insulation.

Market Segmentation

Acoustic and Thermal Insulation Market for Electric Vehicles by Material Type

The material type segment of the acoustic and thermal market for EV includes foam, fiber, pad and mat, and others. The foam segment is estimated to dominate the global acoustic and thermal insulation market for electric vehicles due to their low cost and durability, along with their better additional thermal insulation properties as compared to other types of insulation materials. As the need for insulation in electric vehicles is also increasing due to the advent of BEVs, foam-based materials have been preferred for battery and electric motor insulation, along with insulation inside the passenger cabin. Additional insulation layers are often used in high-end vehicles, and low-end electric vehicles have also shifted from butyl or fiber-based materials to foam-based materials for acoustic and thermal insulation applications.

Acoustic and Thermal Insulation Market for Electric Vehicles by Application type

The application type segment of the market is categorized into passenger compartment, rear compartment, under the hood and battery pack, and exterior. The passenger compartment segment currently holds a significant number of application opportunities for insulation materials in an electric vehicle. This is due to multiple application areas for insulation materials inside a passenger cabin, such as inside door panels, under the floor, on the roof, on vehicle seats, and on the vehicle dashboard. The fact that a large quantity of insulation materials is needed to cover the insides of a passenger vehicle cabin leads to the high usage of insulation materials for this application.

Acoustic and Thermal Insulation Market for Electric Vehicles by Region

The Asia-Pacific region generated a majority of the revenue in the global acoustic and thermal insulation market for electric vehicles due to the increased adoption of EVs in this region. Many prominent vehicle manufacturers are present in this region, which along with various regional governments, have promoted the usage of electric vehicles mainly through government-subsidized affordable EV models.

Key Market Players and Competition Synopsis

ADDEV Materials, Adler Pelzer Holding GmbH, Armacell International S.A., Autoneum, CYG Tefa, INOAC Corporation, Morgan Advanced Materials plc, Pritex Limited, Shanghai Xinan Automobile Sound-Insulation Felt Co., Ltd., Sika Automotive AG, Sumitomo Riko Company Limited, Tecman Speciality Materials Ltd, Toyota Boshoku Corporation, Unifrax, Zotefoams plc

The companies that are profiled in the report have been selected post undergoing in-depth interviews with experts and understanding details around companies such as product portfolios, annual revenues, market penetration, research and development initiatives, and domestic and international presence in the acoustic and thermal insulation market for electric vehicles.

Contents

1 MARKETS

- 1.1 Industry Outlook
 - 1.1.1 Supply Chain Analysis
 - 1.1.2 Who Supplies Whom
- 1.2 Business Dynamics
 - 1.2.1 Business Drivers
 - 1.2.1.1 Need for Better Driving Experience
 - 1.2.1.2 Protecting EV Battery Components in Extreme Weather
 - 1.2.1.3 Need to Reduce Ancillary Noise in an EV
 - 1.2.1.4 Need for Thermal Insulation in EV Batteries to Maintain Chemical Reaction
 - 1.2.2 Business Challenges
 - 1.2.2.1 Lack of Standard Global Regulations for EV Insulating Material Quality
 - 1.2.2.2 Maintaining Optimal Weight for Insulating Material
 - 1.2.2.3 Preventing Thin Slot Line Insulation and Thermal Runway
 - 1.2.3 Business Strategies
 - 1.2.3.1 Product Development and Innovation
 - 1.2.3.2 Market Developments
 - 1.2.4 Corporate Strategies
 - 1.2.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances
 - 1.2.4.2 Mergers and Acquisitions
 - 1.2.5 Business Opportunities
 - 1.2.5.1 Developments in Material Technology
 - 1.2.5.2 Ecological Benefits of Better Sustainable Insulation Materials

2 APPLICATION

- 2.1 Global Acoustic and Thermal Insulation Market for Electric Vehicles - Applications and Specifications
 - 2.1.1 Applications of Acoustic and Thermal Insulation in Electric Vehicles
 - 2.1.1.1 Passenger Compartment
 - 2.1.1.2 Rear Compartment
 - 2.1.1.3 Under the Hood and Battery Pack
 - 2.1.1.4 Exterior
 - 2.1.2 Electric Vehicles by Propulsion Types
 - 2.1.2.1 Battery Electric Vehicle
 - 2.1.2.1.1 Passenger Vehicles

- 2.1.2.1.2 Commercial Vehicles
- 2.1.2.2 Plug-In Hybrid Electric Vehicle
 - 2.1.2.2.1 Passenger Vehicles
 - 2.1.2.2.2 Commercial Vehicles
- 2.1.2.3 Hybrid Electric Vehicle
 - 2.1.2.3.1 Passenger Vehicles
 - 2.1.2.3.2 Commercial Vehicles
- 2.1.3 Electric Vehicle Types
 - 2.1.3.1 Passenger Vehicle
 - 2.1.3.2 Commercial Vehicle
- 2.2 Acoustic and Thermal Insulation Market for Electric Vehicles - Global Demand Analysis (by Application)
 - 2.2.1 Global Demand Analysis (by Application Type), Kilotons and \$Million
 - 2.2.1.1 Passenger Compartment
 - 2.2.1.2 Rear Compartment
 - 2.2.1.3 Under the Hood and Battery Pack
 - 2.2.1.4 Exterior
 - 2.2.2 Global Demand Analysis (by Propulsion Type), Kilotons and \$Million
 - 2.2.2.1 Battery Electric Vehicle
 - 2.2.2.2 Plug-In Hybrid Electric Vehicle
 - 2.2.2.3 Hybrid Electric Vehicle
 - 2.2.3 Global Demand Analysis (by Vehicle Type), Kilotons and \$Million
 - 2.2.3.1 Passenger Vehicle
 - 2.2.3.1.1 Compact Passenger Vehicle
 - 2.2.3.1.2 Midsize Passenger Vehicle
 - 2.2.3.1.3 Full-Size Passenger Vehicle
 - 2.2.3.2 Commercial Vehicle
 - 2.2.3.2.1 Light Commercial Vehicle
 - 2.2.3.2.2 Heavy Trucks
 - 2.2.3.2.3 Heavy Buses

3 PRODUCTS

- 3.1 Global Acoustic and Thermal Insulation Market for Electric Vehicles - Products and Specifications
 - 3.1.1 Acoustic and Thermal Insulation Materials for Electric Vehicles
 - 3.1.1.1 Foam
 - 3.1.1.1.1 Polyurethane
 - 3.1.1.1.2 Polypropylene

3.1.1.1.3 Polyethylene

3.1.1.2 Fiber

3.1.1.2.1 Synthetic Fiber

3.1.1.2.2 Natural Fiber

3.1.1.3 Pad and Mat

3.1.1.4 Others

3.2 Acoustic and Thermal Insulation Market for Electric Vehicles - Global Demand Analysis (by Product)

3.2.1 Global Demand Analysis (by Material Type), Kilotons and \$Million

3.2.1.1 Foam

3.2.1.1.1 Polyurethane

3.2.1.1.2 Polypropylene

3.2.1.1.3 Polyethylene

3.2.1.2 Fiber

3.2.1.2.1 Synthetic Fiber

3.2.1.2.2 Natural Fiber

3.2.1.3 Pad and Mat

3.2.1.4 Others

3.2.2 Global Demand Analysis (by Insulation Type), Kilotons

3.3 Product Benchmarking: Growth Rate – Market Share Matrix

3.3.1 Opportunity Matrix, (by Region)

3.3.2 Opportunity Matrix (by Product Type)

3.4 Global Pricing Analysis

3.5 Technology Roadmap

4 REGION

4.1 North America

4.1.1 Markets

4.1.1.1 Buyer Attributes

4.1.1.2 Key Manufacturers and Suppliers in North America

4.1.1.3 Competitive Benchmarking

4.1.1.4 Business Drivers

4.1.1.5 Business Challenge

4.1.2 Application

4.1.2.1 North America Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)

4.1.2.2 North America Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)

4.1.2.3 North America Acoustic and Thermal Insulation Market for Electric Vehicles
(by Vehicle Type)

4.1.3 Product

4.1.3.1 North America Acoustic and Thermal Insulation Market for Electric Vehicles
(by Material Type)

4.1.4 North America (Country Level Analysis)

4.1.4.1 U.S.

4.1.4.1.1 Markets

4.1.4.1.1.1 Buyer Attributes

4.1.4.1.1.2 Key Manufacturers in the U.S.

4.1.4.1.1.3 Business Challenge

4.1.4.1.1.4 Business Drivers

4.1.4.1.2 Application

4.1.4.1.2.1 U.S. Acoustic and Thermal Insulation Market for Electric Vehicles (by
Application Type)

4.1.4.1.2.2 U.S. Acoustic and Thermal Insulation Market for Electric Vehicles (by
Propulsion Type)

4.1.4.1.2.3 U.S. Acoustic and Thermal Insulation Market for Electric Vehicles (by
Vehicle Type)

4.1.4.1.3 Product

4.1.4.1.3.1 U.S. Acoustic and Thermal Insulation Market for Electric Vehicles (by
Material Type)

4.1.4.1.3.2 Key Electric Vehicle Regulations and Policies in the U.S.

4.1.4.1.3.3 Pricing Analysis

4.1.4.1.4 Electric Vehicle Production Outlook in the Country

4.1.4.2 Canada

4.1.4.2.1 Markets

4.1.4.2.1.1 Buyer Attributes

4.1.4.2.1.2 Key Manufacturers in Canada

4.1.4.2.1.3 Business Challenge

4.1.4.2.1.4 Business Driver

4.1.4.2.2 Application

4.1.4.2.2.1 Canada Acoustic and Thermal Insulation Market for Electric Vehicles
(by Application Type)

4.1.4.2.2.2 Canada Acoustic and Thermal Insulation Market for Electric Vehicles
(by Propulsion Type)

4.1.4.2.2.3 Canada Acoustic and Thermal Insulation Market for Electric Vehicles
(by Vehicle Type)

4.1.4.2.3 Product

- 4.1.4.2.3.1 Canada Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)
- 4.1.4.2.3.2 Key Electric Vehicle Regulations and Policies in Canada
- 4.1.4.2.3.3 Pricing Analysis
- 4.1.4.2.4 Electric Vehicle Production Outlook in the Country
- 4.1.4.3 Mexico
 - 4.1.4.3.1 Markets
 - 4.1.4.3.1.1 Buyer Attributes
 - 4.1.4.3.1.2 Key Manufacturers in Mexico
 - 4.1.4.3.1.3 Business Challenge
 - 4.1.4.3.1.4 Business Driver
 - 4.1.4.3.2 Application
 - 4.1.4.3.2.1 Mexico Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.1.4.3.2.2 Mexico Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.1.4.3.2.3 Mexico Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
 - 4.1.4.3.3 Product
 - 4.1.4.3.3.1 Mexico Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)
 - 4.1.4.3.3.2 Key Electric Vehicle Regulations and Policies in Mexico
 - 4.1.4.3.3.3 Pricing Analysis
 - 4.1.4.3.4 Electric Vehicle Production Outlook in the Country
- 4.2 Europe
 - 4.2.1 Market
 - 4.2.1.1 Buyer Attributes
 - 4.2.1.2 Key Manufacturers and Suppliers in Europe
 - 4.2.1.3 Competitive Benchmarking
 - 4.2.1.4 Business Driver
 - 4.2.1.5 Business Challenge
 - 4.2.2 Application
 - 4.2.2.1 Europe Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.2.2.2 Europe Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.2.2.3 Europe Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
 - 4.2.3 Product

4.2.3.1 Europe Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)

4.2.4 Europe (Country Level Analysis)

4.2.4.1 Germany

4.2.4.1.1 Markets

4.2.4.1.1.1 Buyer Attributes

4.2.4.1.1.2 Key Manufacturers in Germany

4.2.4.1.1.3 Business Challenge

4.2.4.1.1.4 Business Driver

4.2.4.1.2 Application

4.2.4.1.2.1 Germany Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)

4.2.4.1.2.2 Germany Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)

4.2.4.1.2.3 Germany Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)

4.2.4.1.3 Product

4.2.4.1.3.1 Germany Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)

4.2.4.1.3.2 Key Electric Vehicle Regulations and Policies in Germany

4.2.4.1.3.3 Pricing Analysis

4.2.4.1.4 Electric Vehicle Production Outlook in the Country

4.2.4.2 France

4.2.4.2.1 Markets

4.2.4.2.1.1 Buyer Attributes

4.2.4.2.1.2 Key Manufacturers in France

4.2.4.2.1.3 Business Challenge

4.2.4.2.1.4 Business Drivers

4.2.4.2.2 Application

4.2.4.2.2.1 France Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)

4.2.4.2.2.2 France Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)

4.2.4.2.2.3 France Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)

4.2.4.2.3 Product

4.2.4.2.3.1 France Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)

4.2.4.2.3.2 Key Electric Vehicle Regulations and Policies in France

- 4.2.4.2.3.3 Pricing Analysis
- 4.2.4.2.4 Electric Vehicle Production Outlook in the Country
- 4.2.4.3 Sweden
 - 4.2.4.3.1 Markets
 - 4.2.4.3.1.1 Buyer Attributes
 - 4.2.4.3.1.2 Key Manufacturers in Sweden
 - 4.2.4.3.1.3 Business Challenge
 - 4.2.4.3.1.4 Business Drivers
 - 4.2.4.3.2 Application
 - 4.2.4.3.2.1 Sweden Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.2.4.3.2.2 Sweden Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.2.4.3.2.3 Sweden Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
 - 4.2.4.3.3 Product
 - 4.2.4.3.3.1 Sweden Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)
 - 4.2.4.3.3.2 Key Electric Vehicle Regulations and Policies in Sweden
 - 4.2.4.3.3.3 Pricing Analysis
 - 4.2.4.3.4 Electric Vehicle Production Outlook in the Country
- 4.2.4.4 Rest-of-Europe
 - 4.2.4.4.1 Markets
 - 4.2.4.4.1.1 Buyer Attributes
 - 4.2.4.4.1.2 Key Manufacturers in Rest-of-Europe
 - 4.2.4.4.1.3 Business Challenges
 - 4.2.4.4.1.4 Business Drivers
 - 4.2.4.4.2 Application
 - 4.2.4.4.2.1 Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.2.4.4.2.2 Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.2.4.4.2.3 Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
 - 4.2.4.4.3 Product
 - 4.2.4.4.3.1 Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)
- 4.3 U.K.
 - 4.3.1 Markets

- 4.3.1.1 Buyer Attributes
- 4.3.1.2 Key Manufacturers and Suppliers in the U.K.
- 4.3.1.3 Competitive Benchmarking
- 4.3.1.4 Business Drivers
- 4.3.1.5 Business Challenges
- 4.3.2 Application
 - 4.3.2.1 U.K. Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.3.2.2 U.K. Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.3.2.3 U.K. Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
- 4.3.3 Product
 - 4.3.3.1 U.K. Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)
 - 4.3.3.2 Key Electric Vehicle Regulations and Policies in the U.K.
 - 4.3.3.3 Pricing Analysis
- 4.3.4 Electric Vehicle Production Outlook in the Country
- 4.4 China
 - 4.4.1 Markets
 - 4.4.1.1 Buyer Attributes
 - 4.4.1.2 Key Manufacturers and Suppliers in China
 - 4.4.1.3 Competitive Benchmarking
 - 4.4.1.4 Business Drivers
 - 4.4.1.5 Business Challenge
 - 4.4.2 Application
 - 4.4.2.1 China Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.4.2.2 China Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.4.2.3 China Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
 - 4.4.3 Product
 - 4.4.3.1 China Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)
 - 4.4.3.2 Key Electric Vehicle Regulations and Policies in China
 - 4.4.3.3 Pricing Analysis
 - 4.4.4 Electric Vehicle Production Outlook in the Country
- 4.5 Asia-Pacific

4.5.1 Markets

4.5.1.1 Buyer Attributes

4.5.1.2 Key Manufacturers and Suppliers in Asia-Pacific

4.5.1.3 Competitive Benchmarking

4.5.1.4 Business Drivers

4.5.1.5 Business Challenges

4.5.2 Application

4.5.2.1 Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)

4.5.2.2 Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)

4.5.2.3 Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)

4.5.3 Product

4.5.3.1 Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)

4.5.4 Asia-Pacific (Country Level Analysis)

4.5.4.1 Japan

4.5.4.1.1 Market

4.5.4.1.1.1 Buyer Attributes

4.5.4.1.1.2 Key Manufacturers in Japan

4.5.4.1.1.3 Business Challenge

4.5.4.1.1.4 Business Drivers

4.5.4.1.2 Application

4.5.4.1.2.1 Japan Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)

4.5.4.1.2.2 Japan Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)

4.5.4.1.2.3 Japan Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)

4.5.4.1.3 Product

4.5.4.1.3.1 Japan Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)

4.5.4.1.3.2 Key Electric Vehicle Regulations and Policies in Japan

4.5.4.1.3.3 Pricing Analysis

4.5.4.1.4 Electric Vehicle Production Outlook in the Country

4.5.4.2 South Korea

4.5.4.2.1 Markets

4.5.4.2.1.1 Buyer Attributes

- 4.5.4.2.1.2 Key Manufacturers in South Korea
- 4.5.4.2.1.3 Business Challenges
- 4.5.4.2.1.4 Business Driver
- 4.5.4.2.2 Application
 - 4.5.4.2.2.1 South Korea Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.5.4.2.2.2 South Korea Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.5.4.2.2.3 South Korea Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
- 4.5.4.2.3 Product
 - 4.5.4.2.3.1 South Korea Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)
 - 4.5.4.2.3.2 Key Electric Vehicle Regulations and Policies in South Korea
 - 4.5.4.2.3.3 Pricing Analysis
- 4.5.4.2.4 Electric Vehicle Production Outlook in the Country
- 4.5.4.3 India
 - 4.5.4.3.1 Market
 - 4.5.4.3.1.1 Buyer Attributes
 - 4.5.4.3.1.2 Key Manufacturers in India
 - 4.5.4.3.1.3 Business Challenges
 - 4.5.4.3.1.4 Business Drivers
 - 4.5.4.3.2 Application
 - 4.5.4.3.2.1 India Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.5.4.3.2.2 India Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.5.4.3.2.3 India Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
 - 4.5.4.3.3 Product
 - 4.5.4.3.3.1 India Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)
 - 4.5.4.3.3.2 Key Electric Vehicle Regulations and Policies in India
 - 4.5.4.3.3.3 Pricing Analysis
 - 4.5.4.3.4 Electric Vehicle Production Outlook in the Country
- 4.5.4.4 Rest-of-Asia-Pacific
 - 4.5.4.4.1 Markets
 - 4.5.4.4.1.1 Buyer Attributes
 - 4.5.4.4.1.2 Key Manufacturers in Rest-of-Asia-Pacific

- 4.5.4.4.1.3 Business Challenge
- 4.5.4.4.1.4 Business Driver
- 4.5.4.4.2 Application
 - 4.5.4.4.2.1 Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.5.4.4.2.2 Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.5.4.4.2.3 Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
- 4.5.4.4.3 Product
 - 4.5.4.4.3.1 Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)
- 4.6 Rest-of-the-World
 - 4.6.1 Market
 - 4.6.1.1 Buyer Attributes
 - 4.6.1.2 Key Manufacturers and Suppliers in Rest-of-the-World
 - 4.6.1.3 Competitive Benchmarking
 - 4.6.1.4 Business Driver
 - 4.6.1.5 Business Challenges
 - 4.6.2 Application
 - 4.6.2.1 Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicles (by Application Type)
 - 4.6.2.2 Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type)
 - 4.6.2.3 Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type)
 - 4.6.3 Product
 - 4.6.3.1 Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type)

5 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES

- 5.1 Competitive Benchmarking
- 5.2 Company Profiles
 - 5.2.1 ADDEV Materials
 - 5.2.1.1 Company Overview
 - 5.2.1.2 Product Portfolio
 - 5.2.1.3 Business Strategies
 - 5.2.1.3.1 Market Developments

- 5.2.1.4 Corporate Strategies
 - 5.2.1.4.1 Mergers and Acquisitions
- 5.2.1.5 Competitive Position
 - 5.2.1.5.1 Strength
 - 5.2.1.5.2 Weakness
- 5.2.2 Adler Pelzer Holding GmbH
 - 5.2.2.1 Company Overview
 - 5.2.2.2 Product Portfolio
 - 5.2.2.2.1 Production Sites and R&D Analysis
 - 5.2.2.3 Business Strategies
 - 5.2.2.3.1 Product Developments
 - 5.2.2.4 Corporate Strategies
 - 5.2.2.4.1 Mergers and Acquisitions
 - 5.2.2.5 Competitive Position
 - 5.2.2.5.1 Strengths
 - 5.2.2.5.2 Weakness
- 5.2.3 Armacell International S.A.
 - 5.2.3.1 Company Overview
 - 5.2.3.2 Product Portfolio
 - 5.2.3.2.1 Production Sites and R&D Analysis
 - 5.2.3.3 Business Strategies
 - 5.2.3.3.1 Market Developments
 - 5.2.3.4 Corporate Strategies
 - 5.2.3.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances
 - 5.2.3.4.2 Mergers and Acquisitions
 - 5.2.3.5 Competitive Position
 - 5.2.3.5.1 Strengths
 - 5.2.3.5.2 Weakness
- 5.2.4 Autoneum
 - 5.2.4.1 Company Overview
 - 5.2.4.2 Product Portfolio
 - 5.2.4.2.1 Production Sites and R&D Analysis
 - 5.2.4.3 Business Strategies
 - 5.2.4.3.1 Product Development
 - 5.2.4.3.2 Market Development
 - 5.2.4.4 Competitive Position
 - 5.2.4.4.1 Strengths
 - 5.2.4.4.2 Weakness
- 5.2.5 CYG Tefa

- 5.2.5.1 Company Overview
- 5.2.5.2 Product Portfolio
 - 5.2.5.2.1 Production Sites and R&D Analysis
- 5.2.5.3 Competitive Position
 - 5.2.5.3.1 Strength
 - 5.2.5.3.2 Weakness
- 5.2.6 INOAC Corporation
 - 5.2.6.1 Company Overview
 - 5.2.6.2 Product Portfolio
 - 5.2.6.2.1 Production Sites and R&D Analysis
 - 5.2.6.3 Business Strategies
 - 5.2.6.3.1 Market Development
 - 5.2.6.4 Corporate Strategies
 - 5.2.6.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances
 - 5.2.6.5 Competitive Position
 - 5.2.6.5.1 Strengths
 - 5.2.6.5.2 Weakness
- 5.2.7 Morgan Advanced Materials plc
 - 5.2.7.1 Company Overview
 - 5.2.7.2 Product Portfolio
 - 5.2.7.2.1 Production Sites and R&D Analysis
 - 5.2.7.3 Business Strategies
 - 5.2.7.3.1 Market Development
 - 5.2.7.4 Corporate Strategies
 - 5.2.7.4.1 Mergers and Acquisitions
 - 5.2.7.5 Competitive Position
 - 5.2.7.5.1 Strengths
 - 5.2.7.5.2 Weaknesses
- 5.2.8 Pritex Limited
 - 5.2.8.1 Company Overview
 - 5.2.8.2 Product Portfolio
 - 5.2.8.3 Business Strategies
 - 5.2.8.3.1 Market Development
 - 5.2.8.4 Corporate Strategies
 - 5.2.8.4.1 Mergers and Acquisitions
 - 5.2.8.5 Competitive Position
 - 5.2.8.5.1 Strengths
 - 5.2.8.5.2 Weakness
- 5.2.9 Shanghai Xinan Automobile Sound-Insulation Felt Co., Ltd.

- 5.2.9.1 Company Overview
- 5.2.9.2 Product Portfolio
 - 5.2.9.2.1 Production Sites and R&D Analysis
- 5.2.9.3 Competitive Position
 - 5.2.9.3.1 Strengths
 - 5.2.9.3.2 Weakness
- 5.2.10 Sika Automotive AG
 - 5.2.10.1 Company Overview
 - 5.2.10.2 Product Portfolio
 - 5.2.10.2.1 Production Sites and R&D Analysis
 - 5.2.10.3 Business Strategies
 - 5.2.10.3.1 Market Developments
 - 5.2.10.4 Competitive Position
 - 5.2.10.4.1 Strengths
 - 5.2.10.4.2 Weakness
- 5.2.11 Sumitomo Riko Company Limited
 - 5.2.11.1 Company Overview
 - 5.2.11.2 Product Portfolio
 - 5.2.11.2.1 Production Sites and R&D Analysis
 - 5.2.11.3 Business Strategies
 - 5.2.11.3.1 Product Developments
 - 5.2.11.4 Competitive Position
 - 5.2.11.4.1 Strengths
 - 5.2.11.4.2 Weakness
- 5.2.12 Tecman Speciality Materials Ltd
 - 5.2.12.1 Company Overview
 - 5.2.12.2 Product Portfolio
 - 5.2.12.3 Business Strategies
 - 5.2.12.3.1 Market Developments
 - 5.2.12.4 Competitive Position
 - 5.2.12.4.1 Strength
 - 5.2.12.4.2 Weakness
- 5.2.13 Toyota Boshoku Corporation
 - 5.2.13.1 Company Overview
 - 5.2.13.2 Product Portfolio
 - 5.2.13.2.1 Production Sites and R&D Analysis
 - 5.2.13.3 Business Strategies
 - 5.2.13.3.1 Market Developments
 - 5.2.13.4 Competitive Position

- 5.2.13.4.1 Strengths
- 5.2.13.4.2 Weakness
- 5.2.14 Unifrax
 - 5.2.14.1 Company Overview
 - 5.2.14.2 Product Portfolio
 - 5.2.14.2.1 Production Sites and R&D Analysis
 - 5.2.14.3 Corporate Strategies
 - 5.2.14.3.1 Mergers and Acquisitions
 - 5.2.14.4 Competitive Position
 - 5.2.14.4.1 Strength
 - 5.2.14.4.2 Weakness
- 5.2.15 Zotefoams plc
 - 5.2.15.1 Company Overview
 - 5.2.15.2 Product Portfolio
 - 5.2.15.2.1 Production Sites and R&D Analysis
 - 5.2.15.3 Business Strategies
 - 5.2.15.3.1 Product Development
 - 5.2.15.4 Corporate Strategies
 - 5.2.15.4.1 Partnerships, Joint Ventures, Collaborations, and Alliances
 - 5.2.15.5 Competitive Position
 - 5.2.15.5.1 Strengths
 - 5.2.15.5.2 Weakness
- 5.2.16 Other Key Companies

6 RESEARCH METHODOLOGY

- 6.1 Data Sources
 - 6.1.1 Primary Data Sources
 - 6.1.2 Secondary Data Sources
 - 6.1.3 Data Triangulation
- 6.2 Market Estimation and Forecast
 - 6.2.1 Factors for Data Prediction and Modelling

List Of Figures

LIST OF FIGURES

Figure 1: Global Acoustic and Thermal Insulation Market for Electric Vehicles (by Material Type), Value, 2020, 2021 and 2031

Figure 2: Global Acoustic and Thermal Insulation Market for Electric Vehicles (by Application), Value, 2020-2031

Figure 3: Global Acoustic and Thermal Insulation Market for Electric Vehicles (by Propulsion Type), Value, 2020-2031

Figure 4: Global Acoustic and Thermal Insulation Market for Electric Vehicles (by Vehicle Type), Value, 2020-2031

Figure 5: Global Acoustic and Thermal Insulation Market for Electric Vehicles (by Region), Value, 2020

Figure 6: Global Acoustic and Thermal Insulation Market for Electric Vehicles Coverage

Figure 7: Global Acoustic and Thermal Insulation Market for Electric Vehicles Supply Chain

Figure 8: Stakeholders in Acoustic and Thermal Insulation Market for EVs

Figure 9: Business Dynamics

Figure 10: Drivers for Global Acoustic and Thermal Insulation Market for Electric Vehicles

Figure 11: Noise Level of IC Engine Vehicle and Electric Vehicle

Figure 12: Challenges for Global Acoustic and Thermal Insulation Market for Electric Vehicles

Figure 13: Influence of Vehicle Weight on Energy Consumption

Figure 14: Key Business Strategies

Figure 15: Product Developments (by Company), 2018-2021

Figure 16: Market Developments (by Company), 2018-2021

Figure 17: Key Corporate Strategies

Figure 18: Partnerships, Joint Ventures, Collaborations, and Alliances (by Company), 2018-2021

Figure 19: Mergers and Acquisitions (by Company), 2018-2021

Figure 20: Opportunities for Global Acoustic and Thermal Insulation Market for Electric Vehicles

Figure 21: Insulation in Passenger Compartment

Figure 22: Insulation in Rear Compartment

Figure 23: Insulation in Under the Hood and Battery Pack

Figure 24: Insulation in Exterior

Figure 25: Global Acoustic and Thermal Insulation Market for Passenger Compartment

in Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 26: Global Acoustic and Thermal Insulation Market for Rear Compartment in Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 27: Global Acoustic and Thermal Insulation Market for Under the Hood and Battery Pack in Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 28: Global Acoustic and Thermal Insulation Market for Exterior in Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 29: Global Acoustic and Thermal Insulation Market for Battery Electric Vehicles, Kilotons and \$Million, 2020-2031

Figure 30: Global Acoustic and Thermal Insulation Market for Plug-In Hybrid Electric Vehicles, Kilotons and \$Million, 2020-2031

Figure 31: Global Acoustic and Thermal Insulation Market for Hybrid Electric Vehicles, Kilotons and \$Million, 2020-2031

Figure 32: Global Acoustic and Thermal Insulation Market for Compact Passenger Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 33: Global Acoustic and Thermal Insulation Market for Midsize Passenger Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 34: Global Acoustic and Thermal Insulation Market for Full-Size Passenger Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 35: Global Acoustic and Thermal Insulation Market for Light Commercial Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 36: Global Acoustic and Thermal Insulation Market for Electric Heavy Trucks, Kilotons and \$Million, 2020-2031

Figure 37: Global Acoustic and Thermal Insulation Market for Electric Heavy Buses, Kilotons and \$Million, 2020-2031

Figure 38: Global Polyurethane-based Acoustic and Thermal Insulation Market for Electric Vehicle, Kilotons, 2020-2031

Figure 39: Global Polypropylene-based Acoustic and Thermal Insulation Market for Electric Vehicle, Kilotons, 2020-2031

Figure 40: Global Polyethylene-based Acoustic and Thermal Insulation Market for Electric Vehicle, Kilotons, 2020-2031

Figure 41: Global Synthetic Fiber-based Acoustic and Thermal Insulation Market for Electric Vehicle, Kilotons, 2020-2031

Figure 42: Global Natural Fiber-based Acoustic and Thermal Insulation Market for Electric Vehicle, Kilotons, 2020-2031

Figure 43: Global Pad and Mat-based Acoustic and Thermal Insulation Market for Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 44: Global Other Material-based Acoustic and Thermal Insulation Market for Electric Vehicle, Kilotons and \$Million, 2020-2031

Figure 45: Global Acoustic and Thermal Insulation Market for Electric Vehicle Opportunity Matrix (by Region), \$Million

Figure 46: Global Acoustic and Thermal Insulation Market for Electric Vehicle Opportunity Matrix (by Material Type), \$Million

Figure 47: Global Acoustic and Thermal Insulation Market for Electric Vehicle Pricing Analysis

Figure 48: Competitive Benchmarking in North America

Figure 49: Pricing Analysis (by Material Type), USD

Figure 50: Electric Vehicle Production Scenario in the U.S., Units

Figure 51: Pricing Analysis (by Material Type), USD

Figure 52: Electric Vehicle Production Scenario in Canada, Units

Figure 53: Pricing Analysis (by Material Type), USD

Figure 54: Electric Vehicle Production Scenario in Mexico, Units

Figure 55: Competitive Benchmarking in Europe

Figure 56: Pricing Analysis (by Material Type), USD

Figure 57: Electric Vehicle Production Scenario in Germany, Units

Figure 58: Pricing Analysis (by Material Type), USD

Figure 59: Electric Vehicle Production Scenario in France, Units

Figure 60: Pricing Analysis (by Material Type), USD

Figure 61: Electric Vehicle Production Scenario in Sweden, Units

Figure 62: Competitive Benchmarking in the U.K.

Figure 63: Pricing Analysis (by Material Type), USD

Figure 64: Electric Vehicle Production Scenario in the U.K., Units

Figure 65: Competitive Benchmarking in China

Figure 66: Pricing Analysis (by Material Type), USD

Figure 67: Electric Vehicle Production Scenario in China, Units

Figure 68: Competitive Benchmarking in Asia-Pacific

Figure 69: Pricing Analysis (by Material Type), USD

Figure 70: Electric Vehicle Production Scenario in Japan, Units

Figure 71: Pricing Analysis (by Material Type), USD

Figure 72: Electric Vehicle Production Scenario in South Korea, Units

Figure 73: Pricing Analysis (by Material Type), USD

Figure 74: Electric Vehicle Production Scenario in India, Units

Figure 75: Competitive Benchmarking in Rest-of-the-World

Figure 76: Competitive Benchmarking

Figure 77: Data Triangulation

Figure 78: Top-Down and Bottom-Up Approach

Figure 79: Assumptions and Limitations

List Of Tables

LIST OF TABLES

Table 1: Global Acoustic and Thermal Insulation Market for Electric Vehicle Overview

Table 2: Automotive OEMs and Their Suppliers

Table 3: Electric Vehicle and Their Ranges

Table 4: Major PHEV OEMs and Their Products

Table 5: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Kilotons, 2020-2031

Table 6: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Million, 2020-2031

Table 7: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Kilotons, 2020-2031

Table 8: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Million, 2020-2031

Table 9: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 10: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Million, 2020-2031

Table 11: Global Acoustic and Thermal Insulation Market for Electric Passenger Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 12: Global Acoustic and Thermal Insulation Market for Electric Passenger Vehicle (by Vehicle Type), \$Million, 2020-2031

Table 13: Global Acoustic and Thermal Insulation Market for Electric Commercial Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 14: Global Acoustic and Thermal Insulation Market for Electric Commercial Vehicle (by Vehicle Type), \$Million, 2020-2031

Table 15: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 16: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Million, 2020-2031

Table 17: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 18: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Region), Kilotons, 2020-2031

Table 19: Global Acoustic and Thermal Insulation Market for Electric Vehicle (by Region), \$Thousand, 2020-2031

Table 20: North America Acoustic and Thermal Insulation Market for Electric Vehicle (by

Application Type), Kilotons, 2020-2031

Table 21: North America Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Million, 2020-2031

Table 22: North America Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Kilotons, 2020-2031

Table 23: North America Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Million, 2020-2031

Table 24: North America Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 25: North America Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 26: North America Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 27: North America Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Million, 2020-2031

Table 28: U.S. Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Kilotons, 2020-2031

Table 29: U.S. Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Million, 2020-2031

Table 30: U.S. Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Kilotons, 2020-2031

Table 31: U.S. Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Million, 2020-2031

Table 32: U.S. Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 33: U.S. Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Million, 2020-2031

Table 34: U.S. Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 35: U.S. Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Million, 2020-2031

Table 36: Key EV Regulations and Policies in the U.S.

Table 37: Canada Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Tons, 2020-2031

Table 38: Canada Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 39: Canada Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 40: Canada Acoustic and Thermal Insulation Market for Electric Vehicle (by

Propulsion Type), \$Thousand, 2020-2031

Table 41: Canada Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 42: Canada Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 43: Canada Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Tons, 2020-2031

Table 44: Canada Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Thousand, 2020-2031

Table 45: Key EV Regulations and Policies in Canada

Table 46: Mexico Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Tons, 2020-2031

Table 47: Mexico Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 48: Mexico Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 49: Mexico Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Thousand, 2020-2031

Table 50: Mexico Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 51: Mexico Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 52: Mexico Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Tons, 2020-2031

Table 53: Mexico Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Thousand, 2020-2031

Table 54: Key EV Regulations and Policies in Mexico

Table 55: Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Kilotons, 2020-2031

Table 56: Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Million, 2020-2031

Table 57: Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Kilotons, 2020-2031

Table 58: Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Million, 2020-2031

Table 59: Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 60: Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 61: Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 62: Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Million, 2020-2031

Table 63: Germany Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Tons, 2020-2031

Table 64: Germany Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 65: Germany Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Kilotons, 2020-2031

Table 66: Germany Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Million, 2020-2031

Table 67: Germany Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 68: Germany Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Million, 2020-2031

Table 69: Germany Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 70: Germany Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Million, 2020-2031

Table 71: Key EV Regulations and Policies in Germany

Table 72: France Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Tons, 2020-2031

Table 73: France Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 74: France Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 75: France Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Thousand, 2020-2031

Table 76: France Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 77: France Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 78: France Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Tons, 2020-2031

Table 79: France Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Million, 2020-2031

Table 80: Key EV Regulations and Policies in France

Table 81: Sweden Acoustic and Thermal Insulation Market for Electric Vehicle (by

Application Type), Tons, 2020-2031

Table 82: Sweden Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 83: Sweden Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 84: Sweden Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Thousand, 2020-2031

Table 85: Sweden Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 86: Sweden Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 87: Sweden Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Tons, 2020-2031

Table 88: Sweden Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Thousand, 2020-2031

Table 89: Key EV Regulations and Policies in Sweden

Table 90: Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Tons, 2020-2031

Table 91: Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 92: Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 93: Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Thousand, 2020-2031

Table 94: Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 95: Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 96: Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Tons, 2020-2031

Table 97: Rest-of-Europe Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Thousand, 2020-2031

Table 98: U.K. Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Tons, 2020-2031

Table 99: U.K. Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 100: U.K. Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 101: U.K. Acoustic and Thermal Insulation Market for Electric Vehicle (by

Propulsion Type), \$Thousand, 2020-2031

Table 102: U.K. Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 103: U.K. Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 104: U.K. Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Tons, 2020-2031

Table 105: U.K. Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Thousand, 2020-2031

Table 106: Key EV Regulations and Policies in the U.K.

Table 107: China Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Kilotons, 2020-2031

Table 108: China Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Million, 2020-2031

Table 109: China Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Kilotons, 2020-2031

Table 110: China Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Million, 2020-2031

Table 111: China Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 112: China Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Million, 2020-2031

Table 113: China Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 114: China Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Million, 2020-2031

Table 115: Key EV Regulations and Policies in China

Table 116: Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Kilotons, 2020-2031

Table 117: Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Million, 2020-2031

Table 118: Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Kilotons, 2020-2031

Table 119: Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Million, 2020-2031

Table 120: Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 121: Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Million, 2020-2031

Table 122: Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 123: Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Million, 2020-2031

Table 124: Japan Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Kilotons, 2020-2031

Table 125: Japan Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Million, 2020-2031

Table 126: Japan Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Kilotons, 2020-2031

Table 127: Japan Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Million, 2020-2031

Table 128: Japan Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Kilotons, 2020-2031

Table 129: Japan Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Million, 2020-2031

Table 130: Japan Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 131: Japan Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Million, 2020-2031

Table 132: Key EV Regulations and Policies in Japan

Table 133: South Korea Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Tons, 2020-2031

Table 134: South Korea Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 135: South Korea Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 136: South Korea Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Million, 2020-2031

Table 137: South Korea Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 138: South Korea Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 139: South Korea Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Kilotons, 2020-2031

Table 140: South Korea Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Thousand, 2020-2031

Table 141: Key EV Regulations and Policies in South Korea

Table 142: India Acoustic and Thermal Insulation Market for Electric Vehicle (by

Application Type), Tons, 2020-2031

Table 143: India Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 144: India Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 145: India Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Thousand, 2020-2031

Table 146: India Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 147: India Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 148: India Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Tons, 2020-2031

Table 149: India Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Thousand, 2020-2031

Table 150: Key EV Regulations and Policies in India

Table 151: Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Tons, 2020-2031

Table 152: Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 153: Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 154: Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), \$Thousand, 2020-2031

Table 155: Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 156: Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 157: Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Tons, 2020-2031

Table 158: Rest-of-Asia-Pacific Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Tons, 2020-2031

Table 159: Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), Tons, 2020-2031

Table 160: Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicle (by Application Type), \$Thousand, 2020-2031

Table 161: Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicle (by Propulsion Type), Tons, 2020-2031

Table 162: Rest-of-the-World Acoustic and Thermal Insulation Market for Electric

Vehicle (by Propulsion Type), \$Thousand, 2020-2031

Table 163: Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), Tons, 2020-2031

Table 164: Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicle (by Vehicle Type), \$Thousand, 2020-2031

Table 165: Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), Tons, 2020-2031

Table 166: Rest-of-the-World Acoustic and Thermal Insulation Market for Electric Vehicle (by Material Type), \$Thousand, 2020-2031

I would like to order

Product name: Acoustic and Thermal Insulation Market for Electric Vehicles - A Global and Regional Analysis: Focus on Application Type, Propulsion Type, Vehicle Type, Material Type, Insulation Type, and Region - Analysis and Forecast, 2021-2031

Product link: <https://marketpublishers.com/r/A18C1CA1ED2FEN.html>

Price: US\$ 5,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A18C1CA1ED2FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970