

# Global Thermal Runaway Protection Insulation For New Energy Vehicles Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G4CEE4A40C41EN.html

Date: July 2024 Pages: 121 Price: US\$ 4,480.00 (Single User License) ID: G4CEE4A40C41EN

# Abstracts

The global Thermal Runaway Protection Insulation For New Energy Vehicles market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global Thermal Runaway Protection Insulation For New Energy Vehicles production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Thermal Runaway Protection Insulation For New Energy Vehicles, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Thermal Runaway Protection Insulation For New Energy Vehicles that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Thermal Runaway Protection Insulation For New Energy Vehicles total production and demand, 2018-2029, (K Units)

Global Thermal Runaway Protection Insulation For New Energy Vehicles total production value, 2018-2029, (USD Million)

Global Thermal Runaway Protection Insulation For New Energy Vehicles production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)



Global Thermal Runaway Protection Insulation For New Energy Vehicles consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Thermal Runaway Protection Insulation For New Energy Vehicles domestic production, consumption, key domestic manufacturers and share

Global Thermal Runaway Protection Insulation For New Energy Vehicles production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Thermal Runaway Protection Insulation For New Energy Vehicles production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Thermal Runaway Protection Insulation For New Energy Vehicles production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Thermal Runaway Protection Insulation For New Energy Vehicles market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Boyd, Saint-Gobain, 3M, Morgan, Sumitomo Chemical, Rogers, Unifrax, Avery Dennison and Solvay, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Thermal Runaway Protection Insulation For New Energy Vehicles market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Thermal Runaway Protection Insulation For New Energy Vehicles Market, By



Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Thermal Runaway Protection Insulation For New Energy Vehicles Market, Segmentation by Type

Silicone Heat Insulation Pad

**Ceramic Insulation Pad** 

Carbon Fiber Heat Shield

Fiberglass Insulation Sleeves

Alumina Heat Insulation Pad

Global Thermal Runaway Protection Insulation For New Energy Vehicles Market, Segmentation by Application

Passenger Vehicle

**Commercial Vehicle** 

Global Thermal Runaway Protection Insulation For New Energy Vehicles Supply, Demand and Key Producers, 2023-20...



#### **Companies Profiled:**

Boyd

Saint-Gobain

ЗM

Morgan

Sumitomo Chemical

Rogers

Unifrax

Avery Dennison

Solvay

Tesa

**Oerlikon Friction** 

Futureway

Zhejiang Rongtai Electric Material

Goode EIS(Suzhou)

CYBIRD

Guangdong Guangna Technology Development

Aspen's Aerogel



Key Questions Answered

1. How big is the global Thermal Runaway Protection Insulation For New Energy Vehicles market?

2. What is the demand of the global Thermal Runaway Protection Insulation For New Energy Vehicles market?

3. What is the year over year growth of the global Thermal Runaway Protection Insulation For New Energy Vehicles market?

4. What is the production and production value of the global Thermal Runaway Protection Insulation For New Energy Vehicles market?

5. Who are the key producers in the global Thermal Runaway Protection Insulation For New Energy Vehicles market?

6. What are the growth factors driving the market demand?



# Contents

### **1 SUPPLY SUMMARY**

1.1 Thermal Runaway Protection Insulation For New Energy Vehicles Introduction

1.2 World Thermal Runaway Protection Insulation For New Energy Vehicles Supply & Forecast

1.2.1 World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value (2018 & 2022 & 2029)

1.2.2 World Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029)

1.2.3 World Thermal Runaway Protection Insulation For New Energy Vehicles Pricing Trends (2018-2029)

1.3 World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Region (Based on Production Site)

1.3.1 World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Region (2018-2029)

1.3.2 World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Region (2018-2029)

1.3.3 World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Region (2018-2029)

1.3.4 North America Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029)

1.3.5 Europe Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029)

1.3.6 China Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029)

1.3.7 Japan Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029)

1.3.8 South Korea Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029)

1.3.9 India Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029)

1.4 Market Drivers, Restraints and Trends

1.4.1 Thermal Runaway Protection Insulation For New Energy Vehicles Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Thermal Runaway Protection Insulation For New Energy Vehicles Major Market Trends

1.5 Influence of COVID-19 and Russia-Ukraine War



1.5.1 Influence of COVID-19

1.5.2 Influence of Russia-Ukraine War

## 2 DEMAND SUMMARY

2.1 World Thermal Runaway Protection Insulation For New Energy Vehicles Demand (2018-2029)

2.2 World Thermal Runaway Protection Insulation For New Energy Vehicles Consumption by Region

2.2.1 World Thermal Runaway Protection Insulation For New Energy Vehicles Consumption by Region (2018-2023)

2.2.2 World Thermal Runaway Protection Insulation For New Energy Vehicles Consumption Forecast by Region (2024-2029)

2.3 United States Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029)

2.4 China Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029)

2.5 Europe Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029)

2.6 Japan Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029)

2.7 South Korea Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029)

2.8 ASEAN Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029)

2.9 India Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029)

# 3 WORLD THERMAL RUNAWAY PROTECTION INSULATION FOR NEW ENERGY VEHICLES MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Manufacturer (2018-2023)

3.2 World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Manufacturer (2018-2023)

3.3 World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Manufacturer (2018-2023)

3.4 Thermal Runaway Protection Insulation For New Energy Vehicles Company Evaluation Quadrant



3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Thermal Runaway Protection Insulation For New Energy Vehicles Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Thermal Runaway Protection Insulation For New Energy Vehicles in 2022

3.5.3 Global Concentration Ratios (CR8) for Thermal Runaway Protection Insulation For New Energy Vehicles in 2022

3.6 Thermal Runaway Protection Insulation For New Energy Vehicles Market: Overall Company Footprint Analysis

3.6.1 Thermal Runaway Protection Insulation For New Energy Vehicles Market: Region Footprint

3.6.2 Thermal Runaway Protection Insulation For New Energy Vehicles Market: Company Product Type Footprint

3.6.3 Thermal Runaway Protection Insulation For New Energy Vehicles Market: Company Product Application Footprint

- 3.7 Competitive Environment
- 3.7.1 Historical Structure of the Industry
- 3.7.2 Barriers of Market Entry
- 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

4.1 United States VS China: Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Comparison

4.1.1 United States VS China: Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Thermal Runaway Protection Insulation For New
Energy Vehicles Production Value Market Share Comparison (2018 & 2022 & 2029)
4.2 United States VS China: Thermal Runaway Protection Insulation For New Energy
Vehicles Production Comparison

4.2.1 United States VS China: Thermal Runaway Protection Insulation For New Energy Vehicles Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share Comparison (2018 & 2022 & 2029)
4.3 United States VS China: Thermal Runaway Protection Insulation For New Energy Vehicles Consumption Comparison

4.3.1 United States VS China: Thermal Runaway Protection Insulation For New



Energy Vehicles Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Thermal Runaway Protection Insulation For New Energy Vehicles Consumption Market Share Comparison (2018 & 2022 & 2029)
4.4 United States Based Thermal Runaway Protection Insulation For New Energy Vehicles Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Thermal Runaway Protection Insulation For New Energy Vehicles Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Value (2018-2023)

4.4.3 United States Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2023)

4.5 China Based Thermal Runaway Protection Insulation For New Energy Vehicles Manufacturers and Market Share

4.5.1 China Based Thermal Runaway Protection Insulation For New Energy Vehicles Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Value (2018-2023)

4.5.3 China Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2023)

4.6 Rest of World Based Thermal Runaway Protection Insulation For New Energy Vehicles Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Thermal Runaway Protection Insulation For New Energy Vehicles Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2023)

#### **5 MARKET ANALYSIS BY TYPE**

5.1 World Thermal Runaway Protection Insulation For New Energy Vehicles Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

- 5.2.1 Silicone Heat Insulation Pad
- 5.2.2 Ceramic Insulation Pad
- 5.2.3 Carbon Fiber Heat Shield
- 5.2.4 Fiberglass Insulation Sleeves
- 5.2.5 Alumina Heat Insulation Pad
- 5.3 Market Segment by Type



5.3.1 World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Type (2018-2029)

5.3.2 World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Type (2018-2029)

5.3.3 World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Type (2018-2029)

### **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Thermal Runaway Protection Insulation For New Energy Vehicles Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Passenger Vehicle

6.2.2 Commercial Vehicle

6.3 Market Segment by Application

6.3.1 World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Application (2018-2029)

6.3.2 World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Application (2018-2029)

6.3.3 World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Application (2018-2029)

### **7 COMPANY PROFILES**

7.1 Boyd

7.1.1 Boyd Details

7.1.2 Boyd Major Business

7.1.3 Boyd Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.1.4 Boyd Thermal Runaway Protection Insulation For New Energy Vehicles

Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Boyd Recent Developments/Updates

7.1.6 Boyd Competitive Strengths & Weaknesses

7.2 Saint-Gobain

7.2.1 Saint-Gobain Details

7.2.2 Saint-Gobain Major Business

7.2.3 Saint-Gobain Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.2.4 Saint-Gobain Thermal Runaway Protection Insulation For New Energy Vehicles



Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Saint-Gobain Recent Developments/Updates

7.2.6 Saint-Gobain Competitive Strengths & Weaknesses

7.3 3M

7.3.1 3M Details

7.3.2 3M Major Business

7.3.3 3M Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.3.4 3M Thermal Runaway Protection Insulation For New Energy Vehicles

Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 3M Recent Developments/Updates

7.3.6 3M Competitive Strengths & Weaknesses

7.4 Morgan

7.4.1 Morgan Details

7.4.2 Morgan Major Business

7.4.3 Morgan Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.4.4 Morgan Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Morgan Recent Developments/Updates

7.4.6 Morgan Competitive Strengths & Weaknesses

7.5 Sumitomo Chemical

7.5.1 Sumitomo Chemical Details

7.5.2 Sumitomo Chemical Major Business

7.5.3 Sumitomo Chemical Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.5.4 Sumitomo Chemical Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Sumitomo Chemical Recent Developments/Updates

7.5.6 Sumitomo Chemical Competitive Strengths & Weaknesses

7.6 Rogers

7.6.1 Rogers Details

7.6.2 Rogers Major Business

7.6.3 Rogers Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.6.4 Rogers Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Rogers Recent Developments/Updates

7.6.6 Rogers Competitive Strengths & Weaknesses



7.7 Unifrax

7.7.1 Unifrax Details

7.7.2 Unifrax Major Business

7.7.3 Unifrax Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.7.4 Unifrax Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Unifrax Recent Developments/Updates

7.7.6 Unifrax Competitive Strengths & Weaknesses

7.8 Avery Dennison

7.8.1 Avery Dennison Details

7.8.2 Avery Dennison Major Business

7.8.3 Avery Dennison Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.8.4 Avery Dennison Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Avery Dennison Recent Developments/Updates

7.8.6 Avery Dennison Competitive Strengths & Weaknesses

7.9 Solvay

7.9.1 Solvay Details

7.9.2 Solvay Major Business

7.9.3 Solvay Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.9.4 Solvay Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Solvay Recent Developments/Updates

7.9.6 Solvay Competitive Strengths & Weaknesses

7.10 Tesa

7.10.1 Tesa Details

7.10.2 Tesa Major Business

7.10.3 Tesa Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.10.4 Tesa Thermal Runaway Protection Insulation For New Energy Vehicles

Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Tesa Recent Developments/Updates

7.10.6 Tesa Competitive Strengths & Weaknesses

7.11 Oerlikon Friction

7.11.1 Oerlikon Friction Details

7.11.2 Oerlikon Friction Major Business



7.11.3 Oerlikon Friction Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.11.4 Oerlikon Friction Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Oerlikon Friction Recent Developments/Updates

7.11.6 Oerlikon Friction Competitive Strengths & Weaknesses

7.12 Futureway

7.12.1 Futureway Details

7.12.2 Futureway Major Business

7.12.3 Futureway Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.12.4 Futureway Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Futureway Recent Developments/Updates

7.12.6 Futureway Competitive Strengths & Weaknesses

7.13 Zhejiang Rongtai Electric Material

7.13.1 Zhejiang Rongtai Electric Material Details

7.13.2 Zhejiang Rongtai Electric Material Major Business

7.13.3 Zhejiang Rongtai Electric Material Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.13.4 Zhejiang Rongtai Electric Material Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Zhejiang Rongtai Electric Material Recent Developments/Updates

7.13.6 Zhejiang Rongtai Electric Material Competitive Strengths & Weaknesses 7.14 Goode EIS(Suzhou)

7.14.1 Goode EIS(Suzhou) Details

7.14.2 Goode EIS(Suzhou) Major Business

7.14.3 Goode EIS(Suzhou) Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.14.4 Goode EIS(Suzhou) Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 Goode EIS(Suzhou) Recent Developments/Updates

7.14.6 Goode EIS(Suzhou) Competitive Strengths & Weaknesses

7.15 CYBIRD

7.15.1 CYBIRD Details

7.15.2 CYBIRD Major Business

7.15.3 CYBIRD Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services



7.15.4 CYBIRD Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 CYBIRD Recent Developments/Updates

7.15.6 CYBIRD Competitive Strengths & Weaknesses

7.16 Guangdong Guangna Technology Development

7.16.1 Guangdong Guangna Technology Development Details

7.16.2 Guangdong Guangna Technology Development Major Business

7.16.3 Guangdong Guangna Technology Development Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.16.4 Guangdong Guangna Technology Development Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.16.5 Guangdong Guangna Technology Development Recent Developments/Updates

7.16.6 Guangdong Guangna Technology Development Competitive Strengths & Weaknesses

7.17 Aspen's Aerogel

7.17.1 Aspen's Aerogel Details

7.17.2 Aspen's Aerogel Major Business

7.17.3 Aspen's Aerogel Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

7.17.4 Aspen's Aerogel Thermal Runaway Protection Insulation For New Energy Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.17.5 Aspen's Aerogel Recent Developments/Updates

7.17.6 Aspen's Aerogel Competitive Strengths & Weaknesses

### **8 INDUSTRY CHAIN ANALYSIS**

8.1 Thermal Runaway Protection Insulation For New Energy Vehicles Industry Chain

8.2 Thermal Runaway Protection Insulation For New Energy Vehicles Upstream Analysis

8.2.1 Thermal Runaway Protection Insulation For New Energy Vehicles Core Raw Materials

8.2.2 Main Manufacturers of Thermal Runaway Protection Insulation For New Energy Vehicles Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Thermal Runaway Protection Insulation For New Energy Vehicles Production Mode8.6 Thermal Runaway Protection Insulation For New Energy Vehicles ProcurementModel



8.7 Thermal Runaway Protection Insulation For New Energy Vehicles Industry Sales Model and Sales Channels

8.7.1 Thermal Runaway Protection Insulation For New Energy Vehicles Sales Model

8.7.2 Thermal Runaway Protection Insulation For New Energy Vehicles Typical Customers

#### 9 RESEARCH FINDINGS AND CONCLUSION

#### **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



# List Of Tables

#### LIST OF TABLES

Table 1. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Region (2018, 2022 and 2029) & (USD Million) Table 2. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Region (2018-2023) & (USD Million) Table 3. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Region (2024-2029) & (USD Million) Table 4. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share by Region (2018-2023) Table 5. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share by Region (2024-2029) Table 6. World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Region (2018-2023) & (K Units) Table 7. World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Region (2024-2029) & (K Units) Table 8. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share by Region (2018-2023) Table 9. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share by Region (2024-2029) Table 10. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Region (2018-2023) & (US\$/Unit) Table 11. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Region (2024-2029) & (US\$/Unit) Table 12. Thermal Runaway Protection Insulation For New Energy Vehicles Major Market Trends Table 13. World Thermal Runaway Protection Insulation For New Energy Vehicles Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units) Table 14. World Thermal Runaway Protection Insulation For New Energy Vehicles Consumption by Region (2018-2023) & (K Units) Table 15. World Thermal Runaway Protection Insulation For New Energy Vehicles Consumption Forecast by Region (2024-2029) & (K Units) Table 16. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Manufacturer (2018-2023) & (USD Million) Table 17. Production Value Market Share of Key Thermal Runaway Protection Insulation For New Energy Vehicles Producers in 2022

 Table 18. World Thermal Runaway Protection Insulation For New Energy Vehicles



Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Thermal Runaway Protection Insulation For New Energy Vehicles Producers in 2022

Table 20. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Thermal Runaway Protection Insulation For New Energy Vehicles Company Evaluation Quadrant

Table 22. World Thermal Runaway Protection Insulation For New Energy VehiclesIndustry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Thermal Runaway Protection Insulation For New Energy Vehicles Production Site of Key Manufacturer

Table 24. Thermal Runaway Protection Insulation For New Energy Vehicles Market:Company Product Type Footprint

Table 25. Thermal Runaway Protection Insulation For New Energy Vehicles Market:Company Product Application Footprint

Table 26. Thermal Runaway Protection Insulation For New Energy VehiclesCompetitive Factors

Table 27. Thermal Runaway Protection Insulation For New Energy Vehicles NewEntrant and Capacity Expansion Plans

Table 28. Thermal Runaway Protection Insulation For New Energy Vehicles Mergers & Acquisitions Activity

Table 29. United States VS China Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Comparison, (2018 & 2022 & 2029) & (USD Million) Table 30. United States VS China Thermal Runaway Protection Insulation For New Energy Vehicles Production Comparison, (2018 & 2022 & 2029) & (K Units) Table 31. United States VS China Thermal Runaway Protection Insulation For New Energy Vehicles Consumption Comparison, (2018 & 2022 & 2029) & (K Units) Table 32. United States Based Thermal Runaway Protection Insulation For New Energy Vehicles Manufacturers, Headquarters and Production Site (States, Country) Table 33. United States Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Value, (2018-2023) & (USD Million) Table 34. United States Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share (2018-2023) Table 35. United States Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2023) & (K Units) Table 36. United States Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share (2018-2023)

Table 37. China Based Thermal Runaway Protection Insulation For New Energy Vehicles Manufacturers, Headquarters and Production Site (Province, Country)



Table 38. China Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share (2018-2023)

Table 42. Rest of World Based Thermal Runaway Protection Insulation For New EnergyVehicles Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Thermal Runaway Protection InsulationFor New Energy Vehicles Production Market Share (2018-2023)

Table 47. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Type (2018-2023) & (K Units)

Table 49. World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Type (2024-2029) & (K Units)

Table 50. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Type (2018-2023) & (USD Million)

Table 51. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Type (2024-2029) & (USD Million)

Table 52. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Thermal Runaway Protection Insulation For New Energy VehiclesProduction Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Application (2018-2023) & (K Units)

Table 56. World Thermal Runaway Protection Insulation For New Energy Vehicles Production by Application (2024-2029) & (K Units)

Table 57. World Thermal Runaway Protection Insulation For New Energy Vehicles



Production Value by Application (2018-2023) & (USD Million)

Table 58. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Application (2024-2029) & (USD Million)

Table 59. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Boyd Basic Information, Manufacturing Base and Competitors

Table 62. Boyd Major Business

Table 63. Boyd Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 64. Boyd Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Boyd Recent Developments/Updates

Table 66. Boyd Competitive Strengths & Weaknesses

Table 67. Saint-Gobain Basic Information, Manufacturing Base and Competitors

Table 68. Saint-Gobain Major Business

Table 69. Saint-Gobain Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 70. Saint-Gobain Thermal Runaway Protection Insulation For New Energy

Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

 Table 71. Saint-Gobain Recent Developments/Updates

Table 72. Saint-Gobain Competitive Strengths & Weaknesses

Table 73. 3M Basic Information, Manufacturing Base and Competitors

Table 74. 3M Major Business

Table 75. 3M Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 76. 3M Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. 3M Recent Developments/Updates

Table 78. 3M Competitive Strengths & Weaknesses

Table 79. Morgan Basic Information, Manufacturing Base and Competitors

Table 80. Morgan Major Business

Table 81. Morgan Thermal Runaway Protection Insulation For New Energy VehiclesProduct and Services

Table 82. Morgan Thermal Runaway Protection Insulation For New Energy Vehicles



Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

 Table 83. Morgan Recent Developments/Updates

Table 84. Morgan Competitive Strengths & Weaknesses

Table 85. Sumitomo Chemical Basic Information, Manufacturing Base and Competitors

Table 86. Sumitomo Chemical Major Business

Table 87. Sumitomo Chemical Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 88. Sumitomo Chemical Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Sumitomo Chemical Recent Developments/Updates

Table 90. Sumitomo Chemical Competitive Strengths & Weaknesses

Table 91. Rogers Basic Information, Manufacturing Base and Competitors

Table 92. Rogers Major Business

Table 93. Rogers Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 94. Rogers Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Rogers Recent Developments/Updates

Table 96. Rogers Competitive Strengths & Weaknesses

Table 97. Unifrax Basic Information, Manufacturing Base and Competitors

Table 98. Unifrax Major Business

Table 99. Unifrax Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 100. Unifrax Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Unifrax Recent Developments/Updates

Table 102. Unifrax Competitive Strengths & Weaknesses

Table 103. Avery Dennison Basic Information, Manufacturing Base and Competitors

Table 104. Avery Dennison Major Business

Table 105. Avery Dennison Thermal Runaway Protection Insulation For New EnergyVehicles Product and Services

Table 106. Avery Dennison Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Avery Dennison Recent Developments/Updates



Table 108. Avery Dennison Competitive Strengths & Weaknesses

Table 109. Solvay Basic Information, Manufacturing Base and Competitors

Table 110. Solvay Major Business

Table 111. Solvay Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 112. Solvay Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Solvay Recent Developments/Updates

Table 114. Solvay Competitive Strengths & Weaknesses

Table 115. Tesa Basic Information, Manufacturing Base and Competitors

Table 116. Tesa Major Business

Table 117. Tesa Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 118. Tesa Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Tesa Recent Developments/Updates

Table 120. Tesa Competitive Strengths & Weaknesses

Table 121. Oerlikon Friction Basic Information, Manufacturing Base and Competitors

Table 122. Oerlikon Friction Major Business

Table 123. Oerlikon Friction Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 124. Oerlikon Friction Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Oerlikon Friction Recent Developments/Updates

Table 126. Oerlikon Friction Competitive Strengths & Weaknesses

Table 127. Futureway Basic Information, Manufacturing Base and Competitors

Table 128. Futureway Major Business

Table 129. Futureway Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 130. Futureway Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Futureway Recent Developments/Updates

Table 132. Futureway Competitive Strengths & Weaknesses

Table 133. Zhejiang Rongtai Electric Material Basic Information, Manufacturing Base and Competitors



Table 134. Zhejiang Rongtai Electric Material Major Business

Table 135. Zhejiang Rongtai Electric Material Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 136. Zhejiang Rongtai Electric Material Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Zhejiang Rongtai Electric Material Recent Developments/Updates

Table 138. Zhejiang Rongtai Electric Material Competitive Strengths & Weaknesses

Table 139. Goode EIS(Suzhou) Basic Information, Manufacturing Base and Competitors

Table 140. Goode EIS(Suzhou) Major Business

Table 141. Goode EIS(Suzhou) Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 142. Goode EIS(Suzhou) Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Goode EIS(Suzhou) Recent Developments/Updates

 Table 144. Goode EIS(Suzhou) Competitive Strengths & Weaknesses

Table 145. CYBIRD Basic Information, Manufacturing Base and Competitors

Table 146. CYBIRD Major Business

Table 147. CYBIRD Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 148. CYBIRD Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. CYBIRD Recent Developments/Updates

 Table 150. CYBIRD Competitive Strengths & Weaknesses

Table 151. Guangdong Guangna Technology Development Basic Information,

Manufacturing Base and Competitors

 Table 152. Guangdong Guangna Technology Development Major Business

Table 153. Guangdong Guangna Technology Development Thermal Runaway

Protection Insulation For New Energy Vehicles Product and Services

Table 154. Guangdong Guangna Technology Development Thermal Runaway

Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Guangdong Guangna Technology Development Recent Developments/Updates

Table 156. Aspen's Aerogel Basic Information, Manufacturing Base and CompetitorsTable 157. Aspen's Aerogel Major Business



Table 158. Aspen's Aerogel Thermal Runaway Protection Insulation For New Energy Vehicles Product and Services

Table 159. Aspen's Aerogel Thermal Runaway Protection Insulation For New Energy Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 160. Global Key Players of Thermal Runaway Protection Insulation For New Energy Vehicles Upstream (Raw Materials)

Table 161. Thermal Runaway Protection Insulation For New Energy Vehicles Typical Customers

Table 162. Thermal Runaway Protection Insulation For New Energy Vehicles Typical Distributors



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Thermal Runaway Protection Insulation For New Energy Vehicles Picture Figure 2. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029) & (K Units)

Figure 5. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share by Region (2018-2029)

Figure 7. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share by Region (2018-2029)

Figure 8. North America Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029) & (K Units)

Figure 9. Europe Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029) & (K Units)

Figure 10. China Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029) & (K Units)

Figure 11. Japan Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029) & (K Units)

Figure 12. South Korea Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029) & (K Units)

Figure 13. India Thermal Runaway Protection Insulation For New Energy Vehicles Production (2018-2029) & (K Units)

Figure 14. Thermal Runaway Protection Insulation For New Energy Vehicles Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029) & (K Units)

Figure 17. World Thermal Runaway Protection Insulation For New Energy Vehicles Consumption Market Share by Region (2018-2029)

Figure 18. United States Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029) & (K Units)

Figure 19. China Thermal Runaway Protection Insulation For New Energy Vehicles



Consumption (2018-2029) & (K Units) Figure 20. Europe Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029) & (K Units) Figure 21. Japan Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029) & (K Units) Figure 22. South Korea Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029) & (K Units) Figure 23. ASEAN Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029) & (K Units) Figure 24. India Thermal Runaway Protection Insulation For New Energy Vehicles Consumption (2018-2029) & (K Units) Figure 25. Producer Shipments of Thermal Runaway Protection Insulation For New Energy Vehicles by Manufacturer Revenue (\$MM) and Market Share (%): 2022 Figure 26. Global Four-firm Concentration Ratios (CR4) for Thermal Runaway Protection Insulation For New Energy Vehicles Markets in 2022 Figure 27. Global Four-firm Concentration Ratios (CR8) for Thermal Runaway Protection Insulation For New Energy Vehicles Markets in 2022 Figure 28. United States VS China: Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share Comparison (2018 & 2022 & 2029) Figure 29. United States VS China: Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share Comparison (2018 & 2022 & 2029) Figure 30. United States VS China: Thermal Runaway Protection Insulation For New Energy Vehicles Consumption Market Share Comparison (2018 & 2022 & 2029) Figure 31. United States Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share 2022 Figure 32. China Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share 2022 Figure 33. Rest of World Based Manufacturers Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share 2022 Figure 34. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Type, (USD Million), 2018 & 2022 & 2029 Figure 35. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share by Type in 2022 Figure 36. Silicone Heat Insulation Pad Figure 37. Ceramic Insulation Pad Figure 38. Carbon Fiber Heat Shield Figure 39. Fiberglass Insulation Sleeves Figure 40. Alumina Heat Insulation Pad

Figure 41. World Thermal Runaway Protection Insulation For New Energy Vehicles



Production Market Share by Type (2018-2029)

Figure 42. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share by Type (2018-2029)

Figure 43. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Type (2018-2029) & (US\$/Unit)

Figure 44. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 45. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share by Application in 2022

Figure 46. Passenger Vehicle

Figure 47. Commercial Vehicle

Figure 48. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Market Share by Application (2018-2029)

Figure 49. World Thermal Runaway Protection Insulation For New Energy Vehicles Production Value Market Share by Application (2018-2029)

Figure 50. World Thermal Runaway Protection Insulation For New Energy Vehicles Average Price by Application (2018-2029) & (US\$/Unit)

Figure 51. Thermal Runaway Protection Insulation For New Energy Vehicles Industry Chain

Figure 52. Thermal Runaway Protection Insulation For New Energy Vehicles Procurement Model

Figure 53. Thermal Runaway Protection Insulation For New Energy Vehicles Sales Model

Figure 54. Thermal Runaway Protection Insulation For New Energy Vehicles Sales

Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source



#### I would like to order

Product name: Global Thermal Runaway Protection Insulation For New Energy Vehicles Supply, Demand and Key Producers, 2023-2029 Product link: <u>https://marketpublishers.com/r/G4CEE4A40C41EN.html</u> Price: US\$ 4,480.00 (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 <u>https://marketpublishers.com/r/G4CEE4A40C41EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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



Global Thermal Runaway Protection Insulation For New Energy Vehicles Supply, Demand and Key Producers, 2023-20...