

Global Automotive Thermoplastic Vulcanizate (TPV) Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Automotive Thermoplastic Vulcanizate (TPV) market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Thermoplastic elastomers (TPE) are a class of materials that combine the advantages of a rubber, such as excellent compression set for good sealing, with the processability of conventional thermoplastics. Thermoplastic vulcanizate (TPV) is a subset of TPEs produced from a blend of vulcanized-crosslinked rubber finely dispersed in a continuous thermoplastic matrix. TPVs are produced by dynamic vulcanization, whereby a rubber is cured/ vulcanized within a thermoplastic polymer while the polymers are undergoing intimate mixing or mastication at elevated temperatures. Elasticity, tensile properties and hardness of the TPV are controlled by the ratio of the harder thermoplastic phase to the softer rubber phase. TPVs exhibit the advantageous sealing properties of conventional cured rubber, excellent physical properties, good high temperature resistance and outstanding chemical resistance. Due to these benefits TPVs have become a workhorse material for a variety of automotive sealing applications. The applications for TPVs in automotive sealing include glass run channels, dynamic seals, cowl vent grille seals and outer belt line seals. In addition, the application of thermoplastic vulcanizate in the automotive/transportation industry is beneficial to reduce part weight and improve fuel efficiency; enhance part performance and improve overall vehicle quality; reduce system cost and improve recyclability.

This report studies the global Automotive Thermoplastic Vulcanizate (TPV) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive

Thermoplastic Vulcanizate (TPV), 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 Automotive Thermoplastic Vulcanizate (TPV) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Thermoplastic Vulcanizate (TPV) total production and demand, 2018-2029, (Tons)

Global Automotive Thermoplastic Vulcanizate (TPV) total production value, 2018-2029, (USD Million)

Global Automotive Thermoplastic Vulcanizate (TPV) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Automotive Thermoplastic Vulcanizate (TPV) consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Automotive Thermoplastic Vulcanizate (TPV) domestic production, consumption, key domestic manufacturers and share

Global Automotive Thermoplastic Vulcanizate (TPV) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Automotive Thermoplastic Vulcanizate (TPV) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Automotive Thermoplastic Vulcanizate (TPV) production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Automotive Thermoplastic Vulcanizate (TPV) 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 Celanese Corporation, Biesterfeld AG, Reed Rubber Products, Inc, DuPont, Teleflex, Zeon Chemicals, Nippon Zeon, Teknor Apex Company and Kraton Corporation, 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 Automotive Thermoplastic Vulcanizate (TPV) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) 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 Automotive Thermoplastic Vulcanizate (TPV) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Thermoplastic Vulcanizate (TPV) Market, Segmentation by Type

PP/EPDM TPV

Phenolic Resin Cured TPV

Sulfur Cured TPV

Peroxide Cured TPV

Global Automotive Thermoplastic Vulcanizate (TPV) Market, Segmentation by Application

Internal Combustion Engine Vehicle

Electric Vehicle

Companies Profiled:

Celanese Corporation

Biesterfeld AG

Reed Rubber Products, Inc

DuPont

Teleflex

Zeon Chemicals

Nippon Zeon

Teknor Apex Company

Kraton Corporation

Dow Inc.

BASF

Dynasol Group

Avient

PolyOne

Nexeo Plastics

Entec Polymers

Exxonmobil

Mitsubishi

KUMHO POLYCHEM

Key Questions Answered

1. How big is the global Automotive Thermoplastic Vulcanizate (TPV) market?
2. What is the demand of the global Automotive Thermoplastic Vulcanizate (TPV) market?
3. What is the year over year growth of the global Automotive Thermoplastic Vulcanizate (TPV) market?
4. What is the production and production value of the global Automotive Thermoplastic Vulcanizate (TPV) market?
5. Who are the key producers in the global Automotive Thermoplastic Vulcanizate (TPV) market?
6. What are the growth factors driving the market demand?

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