

Global Ethylene-Propylene-Diene Market Outlook to 2027

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Abstracts

Ethylene-Propylene-Diene or EPDM is a synthetic elastomer produced by the copolymerization reaction between ethylene and propylene, combined with pendant diene cross-link the polymer. It is characterized by a strong resistance to heat, ozone, fluids, and oxidized chemicals. It is also resistant to synthetic brake fluids, mild acids, ethylene glycol, water, and other liquids.

According to BlueQuark Research & Consulting, the global Ethylene-Propylene-Diene market is expected to witness a considerable growth rate during the forecast period. The major factors responsible for the Global Ethylene-Propylene-Diene market's growth are rapidly expanding application sectors, including automotive and building & construction. Rising R&D investment coupled with the increasing product demand from the Asia Pacific region is projected to propel the Ethylene-Propylene-Diene monomer (EPDM) market.

Asia-Pacific region has the largest market share and is projected to dominate the Global Ethylene-Propylene-Diene market. EPDM's demand in the region is mainly driven by the high product demand from key end-user industries, including automotive, building & construction, and electrical & electronics.

In terms of segmentation by the End-user Industry, the Automotive Industry has the largest market share in the Global Ethylene-Propylene-Diene market. EPDM is used in the automotive industry in wire & cable harnesses, window spacers, hydraulic brake systems, tubing, glass run channel, belts, weather stripping & seals, radiators, and door, windows, & trunk seals. However, the recent worldwide decline in the automotive industry both in terms of production and sales is expected to hinder the growth of the market. Various properties of EPDM, such as its UV resistivity, superior resistivity

toward heat and cold, high flexibility, and low life-cycle costs have increased its usage in roofing solutions, thereby propelling the construction segment.

The Global Ethylene-Propylene-Diene market is highly fragmented. Major companies in the market were found to be ExxonMobil Chemical Company, PetroChina Co. Ltd, Mitsui Chemicals Inc, Carlisle Companies Inc., Sumitomo Chemical Co. Ltd., Dow Chemical Company, and JSR Corporation, Ltd., among others.

Global Ethylene-Propylene-Diene Market report provides deep insight into the Ethylene-Propylene-Diene market's current and future state across various regions. The study comprehensively analyzes the Ethylene-Propylene-Diene market by segmenting based on Manufacturing Process (Solution Polymerization, Slurry/Suspension, and Gas-phase Polymerization), End-user Industry (Automotive, Electrical & Electronics, Manufacturing, Construction, and Other End-user Industries), and Geography (Europe, Asia-Pacific, North America, South America, and Middle-East & Africa). The report examines the market drivers and restraints, along with the impact of Covid-19 on the market's growth, in detail. The study covers & includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with major companies' profiles, including their market shares and projects.

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