

Global Ethylene-vinyl acetate (EVA) Market Outlook to 2027

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Abstracts

Ethylene-vinyl acetate (EVA) is a polymer of vinyl acetate and ethylene, and it contains 60-90% ethylene, and it is a versatile, recyclable, sustainable, and durable material, due to which it is gaining traction across several industrial applications. According to Blue Quark Research & Consulting, the global Ethylene-vinyl acetate (EVA) market is expected to witness significant growth during the forecasted period. Factors like the growing demand in the industrial footwear, packaging, solar energy, and medical industry due to its softness, low density, and flexibility drive the Global Ethylene vinyl acetate Market. Further, Ethylene-vinyl acetate (EVA) is also used in by biomedical engineering industry for applications such as drug delivery devices. These industries are growing swiftly, thus raising the Global Ethylene-vinyl acetate (EVA) Market. Furthermore, the increase in demand from the agriculture, building, and construction industries is a significant driver for the market in the forecasted period. However, the high cost of production of the Ethylene-vinyl acetate (EVA) and the availability of a few cheap substitutes like low-density polyethylene (LDPE) can restrain the Global Ethylene-vinyl acetate (EVA) Market.

Ethylene-vinyl acetate (EVA) is used to manufacture a wide range of products such as Foams, adhesives, Solar cell Encapsulation, Films, drug delivery devices, expanded rubber, and others. It serves various end-users like Footwear, Packaging, Biotechnology, and Photovoltaic.

The Footwear and Foam Industry are the most dominant consumer of Ethylene-vinyl acetate (EVA) globally and are expected to drive the EVA market. Ethylene-vinyl acetate (EVA) properties like thermal insulation, high impact, chemical resistance, vibration absorption, stress-crack resistance, and buoyancy with less water absorption make it an ideal material for the footwear industry. It is utilized as foams for the

midsoles of footwear rather than being worn directly as plastic or rubber. Ethylene-vinyl acetate is an elastomeric polymer that creates rubber-like materials in softness and flexibility. Therefore, Ethylene-vinyl acetate (EVA) foams are extensively used as pads in sports equipment such as Bicycle saddles, ski boots, martial arts gloves, hockey pads, helmets, fishing rods. It is widely used as a shock-proof sole material in sport's shoes. Being lightweight, easy to form, glossy, and cheaper than natural rubber, Ethylene-vinyl acetate slippers and sandals have become entirely approved. Ethylene-vinyl acetate (EVA) films are observed as one of the most used applications owing to the growing number of uses in solar energy, pharmaceutical, packaging, and agriculture. Properties such as elasticity, flexibility, low-temperature resistance of Ethylene-vinyl acetate also make it of great benefit for wires and cables applications. Telecommunication and power industries widely use Ethylene-vinyl acetate insulated cables.

The Asia-Pacific is expected to be the largest market for Ethylene-vinyl acetate in the forecasted periods. Due to the growing population in the region, the demand for footwear rises the Ethylene-vinyl acetate demand. With the rapid urbanization in the area, the need for packaged food and other packed items is also increasing, thus growing the region's film market. Since China's growth rate had been dignified over the last decades, the following decade is also anticipated to witness the same growth, making China a leader in Ethylene-vinyl acetate demand and supply. Further, China has the most eminent packing and photovoltaic industry and is expected to consolidate its position as a prime Ethylene-vinyl acetate market. Customized packing in the food industry, such as packed frozen food, snack foods, and increasing exports of these items, are also propelling the Ethylene-vinyl acetate market in the country. Ethylene-vinyl acetate is also worn as an encapsulant and adhesive in solar panels. Photovoltaic (PV) modules are generally encapsulated using Ethylene-vinyl acetate to provide optical coupling, mechanical supports, electrical isolation, and protection against environmental exposure. The energy industry in China, especially the solar power industry, has grown significantly over the last decade. The farmers and other people in India are also given subsidies for using solar panels in their fields for electricity, thus fueling the Ethylene-vinyl acetate market in the Asia Pacific region. EVA or thermoplastic copolymers play a significant role in the modern construction industry. A slow and steady increase in building and construction activities will require the use of Ethylene Vinyl Acetate for construction materials like adhesives, sealants, protective coating for steel, and redispersible polymer powder in plasters and cement renders. This will lead to an increase in demand for Ethylene Vinyl Acetate, indicating a slow and steady market recovery in the forecasted periods. Ethylene-vinyl acetate is accounted to be a very successful innovation for the medical sector as well. Its applications ranging from the

delivery of life-saving medicines cryogenic storage bags to its capacity to create innovative solutions to healthcare's most stimulating and complex problems, make it a very useful polymer for the industry. India and China are among the most affected countries by COVID-19; the drastic surge in demand for medical supplies has also been a development factor for the Ethylene-vinyl acetate market in the region.

Primary global market's key players in the industry were LyondellBasell Industries, The Dow Company, ExxonMobil Corporation, Clariant, Arlanxeo, Innospec Inc., Repsol, Kemipex, SK Global, Sipchem, Sumitomo Chemical Co. Ltd., Asia Polymer Corporation, Benson Polymers Limited, Braskem, Tosoh Corporation, among others.

Lyondell Industries declared that their Lupotech T high-pressure polyethylene technology would be used by Jiangsu Sailboat Petrochemical Co. Ltd in Jiangsu Province, Lianyungang City, China. This technology will be efficiently worn for a 200 KTA ethylene-vinyl acetate copolymer (EVA) and low-density polyethylene (LDPE) line to produce EVA products with vinyl acetate co-monomer.

Global Ethylene-vinyl acetate (EVA) Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Ethylene-vinyl acetate market by segmenting based on the Grade (Low Density, Medium Density, High Density), End-User Industry (Footwear & Foams, Photovoltaic, Packaging, Pharmaceutical & Biotechnology, Others), By Applications (Adhesives, Films, Foams, Solar Cells, and others), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). This report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers emerging market trends, developments, opportunities, and challenges in the industry. The report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

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