

# Global EVA Resins & Films Market: Shaping Industries with Versatility and Innovation; says AMI

Global EVA Resins & Films Market Reached Revenue of US\$ 4.6 Billion in 2022, Anticipated to Gain CAGR of 6.3% From 2023 – 2031

HOUSTON, TEXAS, UNITED STATES, August 16, 2023 /EINPresswire.com/ --Global EVA Resins & Films Market Summary

EVA (Ethylene Vinyl Acetate) resins and films result from polymerising a blend of ethylene and vinyl acetate monomers. This chemical method creates a copolymer with different vinyl acetate content, resulting in different



EVA grades with unique qualities. These materials are prized for their outstanding qualities, which include flexibility, transparency, low-temperature performance, and adhesive properties. EVA resins' adaptability to extrusion, injection moulding, and blow moulding processes demonstrates their adaptability to various applications by enabling the creation of films, sheets, or bespoke shapes. EVA films are being widely used across multiple industries, which include packaging, laminated glass & solar panel encapsulation. These films have many benefits, including excellent adhesive properties, strong temperature stability, moisture resistance, and optical clarity. EVA films also play a crucial part in creating hot melt adhesives, providing strong bonding power and flexibility. For instance, EVA resins and films are applied in the solar industry. EVA films are frequently used to encase photovoltaic modules, protecting them from the elements while boosting the efficiency and durability of solar panels. EVA films are translucent and robust, protecting delicate solar cells from moisture, dust, and other potential harm while enabling sunlight to be converted into highly efficient electricity. The use of EVA films in this application highlights how crucial they are to promote the development and effectiveness of renewable energy sources. These factors are propelling the global EVA resins & films market demand.

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## Global EVA Resins & Films Market Key Growth Drivers

- Material Versatility and Adaptability: EVA (Ethylene Vinyl Acetate) resins and films provide a wide range of material adaptability, allowing for customised qualities based on vinyl acetate content. EVA products can be created with varied degrees of flexibility, transparency, and adhesive strength because of this adaptability, making them appropriate for various applications. EVA is a preferred option across industries looking for particular material properties for their products because it can be treated using different techniques, from flexible packaging to vehicle interiors.
- Enhanced Packaging Solutions: EVA films play a more critical part in packaging because of their superior clarity, thermal stability, and moisture resistance. EVA films are a significant barrier against oxygen and moisture, preserving product quality and increasing shelf life for everything from food to electronics. Aesthetic packaging designs are also possible because of their compatibility with different printing techniques. These qualities place EVA films in a strong position as a dependable option for enterprises looking to improve their packaging options and brand display.
- Advancements in Renewable Energy: EVA films play a crucial role in the renewable energy industry, particularly in encapsulating solar panels. In addition to shielding solar cells, their transparency, UV resistance, and weatherproof qualities also let sunlight reach photovoltaic layers. This promotes optimum energy output and increases the lifespan of solar panels. EVA's contribution to improving the effectiveness and longevity of solar panels continues to fuel demand for innovation in the field of renewable energy due to the global movement towards sustainable energy sources, which in turn is boosting the global EVA resins & films market demand.

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# Global EVA Resins & Films Market: Key Insights

- A significant participant in the petrochemical sector, Braskem, has unveiled a ground-breaking innovation in collaboration with Allbirds, a leader in eco-friendly footwear. For the shoes from Allbirds, the cooperation introduces an ethylene-vinyl acetate (EVA) copolymer. Since this EVA copolymer is made from sugarcane-based renewable bio-based EVA resin, it represents a big step towards sustainability. Braskem and Allbirds are setting an example for the incorporation of bio-based solutions in cutting-edge consumer goods by utilising this eco-friendly material, which not only improves the performance of their products but also demonstrates their dedication to minimising environmental impact.
- This material's improved optical clarity and biocompatibility have opened doors for its use in the production of medical devices and drug delivery systems. Its usage in creating drug delivery systems and specialised storage options for medical research, both of which can endure temperatures as low as -150 to -196°C, is particularly remarkable. Due to increased medical and healthcare spending in nations like China, India, and Japan, the Asia-Pacific region is primed for

major growth in the EVA resins & films market. The industry's predicted growth trajectory is further aided by the abundance of producers of pharmaceuticals and medical devices that prioritize research.

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Global EVA Resins & Films Market: Competitive Landscape and Key Developments
The EVA resins & films market is highly concentrated, with a few significant vendors dominating
most of the market. Companies that manufacture EVA resins and films are investing in thorough
R&D projects, significantly to develop environmentally friendly goods. Several significant firms
are strategically working together to speed up product innovation and broaden their business
segments in domestic and foreign markets.

- o Arkema
- o Borealis AG
- o Braskem
- o Celanese Corporation
- o China Petrochemical Corporation
- o Dow
- o Exxon Mobil Corporation
- o Hanwha Solutions Chemical Division Corporation
- o LG Chem.
- o LyondellBasell Industries Holdings B.V.
- o Versalis S.p.A.
- o Other Market Participants

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Global EVA Resins & Films Market

By Type

- o Vinyl acetate-modified polyethylene (low VA density)
- o Thermoplastic ethylene vinyl acetate (medium VA density)
- o Ethylene vinyl acetate rubber (high VA density)

By End Use

- o Automotive
- o Packaging & Paper
- o Paints, Coatings, & Adhesives
- o Electronics & Electrical
- o Pharmaceutical

- o Footwear
- o Photovoltaic Panels
- o Others

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## By Region

- o North America (U.S., Canada, Mexico, Rest of North America)
- o Europe (France, The UK, Spain, Germany, Italy, Nordic Countries (Denmark, Finland, Iceland, Sweden, Norway), Benelux Union (Belgium, The Netherlands, Luxembourg), Rest of Europe
- o Asia Pacific (China, Japan, India, New Zealand, Australia, South Korea, Southeast Asia (Indonesia, Thailand, Malaysia, Singapore, Rest of Southeast Asia), Rest of Asia Pacific
- o Middle East & Africa (Saudi Arabia, UAE, Egypt, Kuwait, South Africa, Rest of Middle East & Africa)
- o Latin America (Brazil, Argentina, Rest of Latin America)

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