

United States Polymethyl Methacrylate Film and Sheet Market Report and Forecast 2023-2028

Market Report | 2023-10-23 | 170 pages | EMR Inc.

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Report description:

United States Polymethyl Methacrylate Film and Sheet Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the United States polymethyl methacrylate film and sheet market reached a value of approximately USD 864 million in 2022. Aided by the rising demand for durable, lightweight, and transparent materials across multiple industries, and the expanding applications of PMMA in a range of products, the market is projected to further grow at a CAGR of 4.50% between 2023 and 2028 to reach a value of around USD 1120.8 million by 2028.

PMMA, or acrylic, is a clear thermoplastic with distinctive traits of high strength, rigidity, and optical transparency. It is frequently used as a lightweight or shatter-resistant substitute for glass. Its application base spans various products like windows, skylights, car taillights, and bathtub liners. Its impressive light transmission characteristics also make it a chosen material for signage, displays, and light fixtures.

The United States polymethyl methacrylate film and sheet market growth is being driven by consumer preference for lightweight, durable, and transparent materials in diverse applications. The increasing emphasis on fuel efficiency and reduction of carbon emissions have prompted a substantial shift towards lightweight materials in industries such as automotive and aviation, leading to a surge in demand for PMMA-based products.

Simultaneously, the burgeoning construction industry significantly contributes to the United States polymethyl methacrylate film and sheet market expansion. The industry employs PMMA in applications like windows, skylights, and architectural features owing to its durability, resistance to UV light, and aesthetic appeal. In the consumer goods industry, it's used to manufacture products such as furniture, displays, and fixtures, fuelling market growth.

Further, the broadening application base of PMMA plays a crucial role in fuelling its United States polymethyl methacrylate film and sheet market demand. The growing electronics industry leverages PMMA films and sheets in a range of products including television screens, mobile phone displays, and tablets, attributing to its superior optical clarity and scratch resistance.

Another significant aspect fostering the United States polymethyl methacrylate film and sheet market growth is the surge in demand for durable, lightweight materials in the solar industry. With the increasing transition towards renewable energy sources,

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PMMA's excellent light transmission properties and durability make it an ideal material for photovoltaic modules.

In the healthcare sector, PMMA finds use in a variety of applications, including surgical instruments, intraocular lenses, and dentures, owing to its biocompatibility, transparency, and rigidity. The growing healthcare industry, therefore, offers a significant growth avenue for the United States polymethyl methacrylate film and sheet market.

Market Segmentation

The market can be divided based on type and region.

Market Breakup by Type

- Polymethyl Methacrylate Film

- o Construction

- o Automotive Parts

- o Signage and Displays

- o Consumer Electronics

- o Others

- Polymethyl Methacrylate Sheet

- o Construction

- o Automotive Parts

- o Signage and Displays

- o Consumer Electronics

- o Furniture

- o Medical and Healthcare

- o Others

Market Breakup by Region

- New England

- Mideast

- Great Lakes

- Plains

- Southeast

- Southwest

- Rocky Mountain

- Far West

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the United States polymethyl methacrylate film and sheet companies. Some of the major key players explored in the report by Expert Market Research are as follows:

- Trinseo PLC

- Roehm America LLC (Rohm GmbH)

- Plaskolite, Inc.

- Unigel Group

- Fusion Optix

- Plazit-Polygal Group

- Others

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