

Greenhouse Film Market Growth Analysis Report - Market Size, Share, Forecast Trends and Outlook (2025-2034)

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Report description:

The global greenhouse film market stood at a value of around USD 8.63 Billion in 2024 . The market is further expected to grow at a CAGR of 10.60% in the forecast period of 2025-2034 to attain a value of USD 23.64 Billion by 2034 .

Increasing Deployment of Low-Density Polyethylene (LDPE) to Aid the Global Greenhouse Film Industry Growth

Based on plastic type, the low-density polyethylene (LDPE) segment is predicted to hold a significant market share in the greenhouse film industry. This growth can be attributed to the increased demand for durable and efficient greenhouse films that can withstand extreme climates. In addition, other important advantages offered by these films include high quality, thickness, improved transparency, enhanced flexibility, resistance to extreme environmental conditions such as excess sunlight, and others. Furthermore, its sustainable nature is also anticipated to provide a thrust to the market. These factors are predicted to aid the industry growth in the forecast period.

The Asia Pacific to Account for a Significant Market Share in the Global Greenhouse Film Industry

The Asia Pacific is estimated to hold a significant share of the greenhouse film industry in the forecast period. This growth can be attributed to the presence of leading market players in the region. In addition, the heightened investments in the agriculture industry are also contributing to the market growth. For instance, in China, the greenhouse agriculture production witnessed a boom with the insurgence of the COVID-19 virus. Moreover, the growing global population, augmenting the demand for food crops, coupled with the rising demand for improved agricultural yield, is also predicted to bolster the overall market growth in the coming years.

Greenhouse Film: Market Segmentation

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Greenhouse films are plastic materials used to cover the roof and sides of a greenhouse. Greenhouses help create a suitable environment for plants that ensures uniform quality, protects fruits and vegetables from rain, wind and frost, and also facilitates faster ripening of crops. These films come in a variety of forms to help with the needs of a range of crops by allowing only the required amount of light and temperature into the greenhouse. These films help reduce water consumption by decreasing the amount of evaporation. In addition, some other properties of greenhouse films include solar irradiance and durability.

By plastic type, the market is segregated into:

- Low Density Polyethylene (LDPE)
- Linear Low-Density Polyethylene (LLDPE)
- Polyvinyl Chloride (PVC)
- Others

On the basis of thickness, the market can be segmented into:

- Less than 200 Micron
- Equal to 200 Micron
- Greater than 200 Micron
- Others

Based on width, the industry can be distributed into:

- 4.5 Metres
- 5.5 Metres
- 7 Metres
- 9 Metres
- Others

The market can be categorised based on application into:

- Vegetables
- Flowers
- Ornamental Plants
- Fruits
- Others

Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Increased Areas of Protected Cultivation to Augment the Global Greenhouse Film Industry

The increase in areas designated for greenhouse cultivation is anticipated to drive the market growth in the coming years. In

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addition, the rising demand for food production due to the increasing population and the growing agriculture industry are also expected to provide a thrust to the overall market growth. Other beneficial factors, such as improved quality of agricultural produce, high productivity, better insect and pest control, and efficient use of resources, are also estimated to bolster the demand for greenhouse films in the construction of greenhouse, thus, catalysing the industry growth in the forecast period. Moreover, the greenhouses allow for offseason production, which is also leading to an increased adoption of greenhouse films. In addition, the government initiatives supporting the use of greenhouse are also aiding the market growth. These factors are estimated to positively impact the market growth in the forecast period.

Key Industry Players in the Global Greenhouse Film Market

The report gives a detailed analysis of the following key players in the global greenhouse film market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- Ginegar Plastic Products Ltd.
- Essen Multipack Limited
- Exxon Mobil Corporation
- POLIFILM Group
- Berry Global Inc.
- Lumite, Inc.
- Others

The comprehensive EMR report provides an in-depth assessment of the industry based on the Porter's five forces model and SWOT analysis.

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