

Photoresist and Photoresist Ancillaries Market Report and Forecast 2025-2034

Market Report | 2025-08-13 | 180 pages | EMR Inc.

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Report description:

The photoresist and photoresist ancillaries market was valued at USD 4.19 Billion in 2024 . The industry is expected to grow at a CAGR of 4.20% during the forecast period of 2025-2034 to attain a valuation of USD 6.32 Billion by 2034 .

The global photoresist and photoresist ancillaries industry is driven by the rising application of the product in the semiconductor industry. The Asia Pacific is the largest market for photoresist and photoresist ancillaries, holding a significant share in the global market. The industry is further propelled by the increasing demand for these products on a global scale. Technological advancements within the industry, in confluence with the healthy growth in the semiconductor industry, will aid the market growth in the future.

Market Segmentation

A photoresist is a light-sensitive organic polymer, which alters its chemical structure on the exposure to ultraviolet light. Photoresists are of two kinds, namely, positive and negative. Positive photoresists become soluble on exposure to UV light, while negative photoresists become cross-linked and insoluble on the exposure to UV light. Photoresist ancillaries are associated products that are used along with photoresists. They can be further classified as removers, antireflective coatings, developers, etc.

The photoresist industry is divided on the basis of type into:

- ArF Immersion
- KrF
- ArF Dry
- g- and i-line
- Others

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The photoresist ancillaries industry is divided on the basis of type into:

- Anti-Reflective Coatings
- Remover
- Developer
- Others

The photoresist and photoresist ancillaries industry is segmented on the basis of application into:

- Semiconductors & ICS
- LCDs
- Printed Circuit Boards
- Others

Market Breakup by Region:

- North America
- Europe
- Asia Pacific
- LAMEA.

Global Photoresist and Photoresist Ancillaries Market Analysis

The global photoresist and photoresist ancillaries market is driven by the growing use of flat-panel displays. Flat-panel displays utilise photoresists to respond to the light to form three different pixels of green, red, blue, and other colours. These products are being increasingly favoured by the consumers due to their lighter, thinner, and energy-efficient properties as compared to other variants.

The industry is further aided by the rising use of photoresists in wiring configuration in the manufacturing of multi-layered semiconductor which plays an essential role in consumer electronics, such as computers, music players, laptops, phones, and other household appliances. Moreover, growing technological advancements in display technology, along with the growing semiconductor industry, are expected to provide impetus to the demand for the products in the forecast period.

Competitive Landscape

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

- Tokyo Ohka Kogyo Co., Ltd.
- JSR Corporation
- Shin-Etsu Chemical Co., Ltd.
- Sumitomo Chemical Co., Ltd.
- ALLRESIST GmbH
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with

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giving a SWOT analysis.

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