

Polyimide Films & Tapes Market by Application (Flexible Printed Circuits, Specialty Fabricated Products, Pressure-Sensitive Tapes, Motors/Generators, Wires & Cables), End-Use Industry (Electronics, Automotive), and Region - Global Forecast to 2028

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Abstracts

The polyimide films & tapes market is estimated to be USD 1.3 billion in 2023 and is projected to reach USD 1.8 billion by 2028, at a CAGR of 8.7% from 2023 to 2028. Technological advancements and increasing demand for reliable, high-performance materials in various applications like electronics and aerospace drive the global polyimide films and tape market.

“The flexible printed circuit, by application segment, is projected to grow at the highest CAGR from 2023 to 2028.”

The electronics industry’s continual miniaturization and demand for lightweight, flexible, and reliable electronic components have increased the need for flexible printed circuits. These circuits are used in various devices, including smartphones, tablets, wearables, and automotive electronics, and polyimide-based flexible printed circuits can meet the stringent requirements of these applications.

“Electronics, in by end-use industry segment, is projected to grow at the highest CAGR from 2023 to 2028.”

The rise of flexible and wearable electronics has driven the growth of the polyimide film market. These films can be used as substrates for flexible circuits and encapsulating

materials for flexible displays, ensuring durability and reliability. The growing demand for wearable technology, flexible screens, and foldable devices has fuelled the adoption of polyimide films, which offer the necessary combination of flexibility, thermal resilience, and electrical performance.

“Asia Pacific polyimide films & tape market is projected to grow at the highest CAGR from 2023 to 2028.”

Asia Pacific is expected to be the fastest-growing market for polyimide films & tapes market during the forecast period. The rapid industrialization and economic development in countries such as China, India, Japan, and South Korea have increased demand for electronic devices, automotive components, and aerospace applications. Polyimide films, known for their outstanding thermal stability and electrical insulation properties, have become essential in these industries, which are witnessing significant growth. As a result, the demand for polyimide films as substrates, insulation materials, and flexible circuitry components has surged.

Profile break-up of primary participants for the report:

By Company Type: Tier 1 – 30%, Tier 2 – 35%, and Tier 3 – 35%

By Designation: C-level Executives – 30%, Directors – 60%, and Others – 10%

By Region: North America – 30%, Europe – 20%, Asia Pacific – 40%, and RoW – 10%

The polyimide films & tapes market report is dominated by players such as PI Advanced Material Co., Ltd. (South Korea), DuPont (US), Kaneka Corporation (Japan), and Taimide Tech. Inc. (Taiwan), and Ube Industries Ltd. (Japan), 3M Company (US), Kolon Industries Inc. (South Korea), Arakawa Chemicals Industries Inc. (Japan), Shinmax Technology Ltd. (Taiwan), and FLEXcon Company, Inc. (US).

Research Coverage:

The report defines, segments, and projects the polyimide films & tapes market based on application, end-use industry, and region. It provides detailed information regarding the major factors influencing the market's growth, such as drivers, restraints, opportunities, and industry-specific challenges. It strategically profiles key polyimide films & tapes

solution providers. It comprehensively analyzes their market shares and core competencies and tracks. It analyzes competitive developments, such as expansions, agreements, contracts, partnerships, acquisitions, collaborations, and divestments, undertaken by them in the market.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants by providing them with the closest approximations of revenue numbers of the polyimide films & tapes market and its segments. This report is also expected to help stakeholders understand the market's competitive landscape better, gain insights to improve the position of their businesses and make suitable go-to-market strategies. It also enables stakeholders to understand the market's pulse and provides information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers: Analysis of critical drivers (Increased demand for the electronics industry), restraints (High manufacturing cost of polyimide films), opportunities (Increasing use in aerospace applications), and challenges (Issue in the processing of polyimide films) influencing the growth of the polyimide films & tapes market.

Product Development/Innovation: Detailed insights on upcoming technologies, research &

development activities in the polyimide films & tapes market.

Market Development: Comprehensive information about lucrative markets – the report analyses

the polyimide films & tapes demand across varied regions.

Market Diversification: Exhaustive information about new products & services, untapped

geographies, recent developments, and polyimide films & tapes market investments.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service

offerings of leading players like DuPont (US), PI Advanced Material Co., Ltd. (South Korea), Ube Industries Ltd. (Japan), and Taimide Tech. Inc. (Taiwan), 3M Company (US), Kaneka Corporation (Japan), Kolon Industries Inc. (South Korea), Arakawa Chemicals Industries Inc. (Japan), Shinmax Technology Ltd. (Taiwan), FLEXcon Company, Inc. (US), and among others in the polyimide films & tapes market

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