

Polyimide Film Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/PF86C0ED42DCEN.html>

Date: October 2022

Pages: 143

Price: US\$ 2,499.00 (Single User License)

ID: PF86C0ED42DCEN

Abstracts

The global polyimide film market size reached US\$ 1.9 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 2.9 Billion by 2027, exhibiting a growth rate (CAGR) of 6.9% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Polyimide films exhibit superior dimensional stability and an excellent balance of physical, chemical, and electrical properties at a wide temperature range. It withstands the damaging effects of corona discharge and provides improved service life and operational efficiencies over conventional insulation materials. As a result, it is utilized as an insulating material in the production of flexible printed circuit boards (PCBs) and semiconductors. It is also used as a dielectric substrate to produce flexible solar cells with maximum efficiency and yield and high thermal stability, toughness, and flexibility.

Polyimide Film Market Trends:

Due to the growing awareness about the benefits of polyimide films, such as flexibility, transparency, biocompatibility, low friction, tight tolerances, and high tensile strength, they are used to manufacture numerous high-performance medical devices. This, along with the increasing demand for cardiovascular catheters, push rings, marker bands, angioplasty, neurological devices, and drug delivery systems on account of the rising rate of surgeries, represents one of the significant factors influencing the market positively. Apart from this, rising environmental concerns, in confluence with incentives and subsidies provided by governments of several countries on installing solar panels, are propelling the market growth. The increasing reliance on smart devices and other electronics is also augmenting the market growth. Furthermore, leading manufacturers

are developing novel methods to obtain polymeric nanocomposites with high performance, reliability, durability, and strength. This is anticipated to expand the applications of polyimide films in different areas, ranging from circuits for cameras on space missions to the next generation photovoltaic (PV) cells.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global polyimide film market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on application, distribution channel and end use.

Breakup by Application:

- Flexible Printed Circuit
- Wire and Cable
- Pressure-Sensitive Tape
- Specialty Fabricated Product
- Motor/Generator
- Others

Breakup by Distribution Channel:

- Specialty Stores
- Online Stores
- Others

Breakup by End Use:

- Electronics
- Aerospace
- Automotive
- Labelling
- Others

Breakup by Region:

- North America
- United States
- Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Arakawa Chemicals Industries Ltd, Compagnie de Saint-Gobain S.A., Flexcon Company Inc., I.S.T Corporation, Kaneka Corporation, Kolon Industries Inc., Shinmax Technology Ltd, Taimide Tech Inc., Toray Industries Inc and UBE Industries Limited.

Key Questions Answered in This Report:

How has the global polyimide film market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global polyimide film market?

What are the key regional markets?

What is the breakup of the market based on the application?

What is the breakup of the market based on the distribution channel?

What is the breakup of the market based on the end use?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global polyimide film market and who are the key players?
What is the degree of competition in the industry?

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