

Polyimide Coating Market Statistics, Size Will Hit \$2.2 billion by 2031 | Growth with Recent Trends & Demand

Polyimide coatings can come in liquid or solid forms, and they are applied to the surfaces of a wide variety of electrical and automotive components.

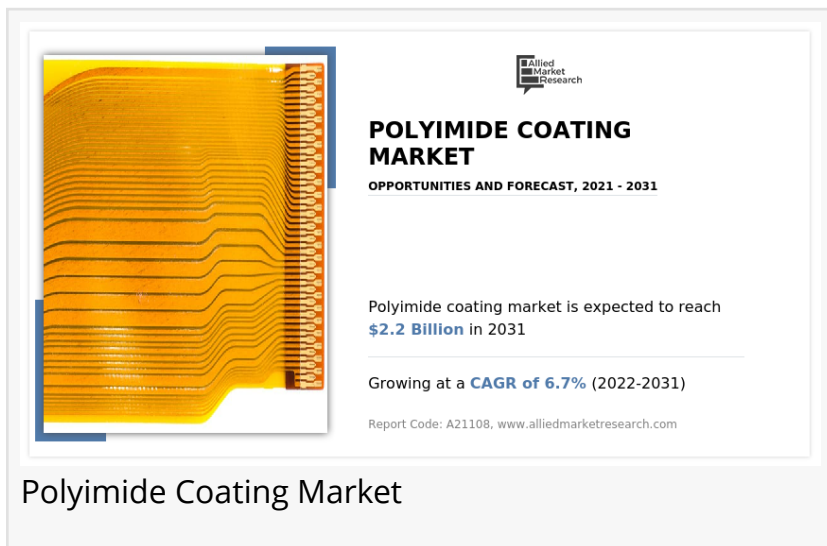
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[EINPresswire.com/](https://www.einpresswire.com/) -- Polyimide

coatings can come in liquid or solid forms, and they are applied to the surfaces of a wide variety of electrical and automotive components. To

achieve the desired result, they are

applied to the surfaces of the various automotive and electronic components. There are two types of polyimide coatings: thermoset and thermoplastic.



According to a new report published by Allied Market Research, titled, "[Polyimide Coating Market](#)," The polyimide coating market size was valued at \$1.2 billion in 2021, and is estimated to reach \$2.2 billion by 2031, growing at a CAGR of 6.7% from 2022 to 2031.

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Increase in applications in electrical & electronics, aerospace, automotive, and medical, are anticipated to propel thermosets polyimide coatings to the top of the market. The global polyimide coatings market is anticipated to expand significantly during the coming years. However, the market expansion can be linked to the electronic industry's widespread adoption of polyimide coatings. Polyimides combine thermal stability, chemical resistance, and mechanical strength with good dielectric characteristics.

In numerous electronic appliances, polyimide powder coatings are advantageous due to their low coefficient of linear thermal expansion and high degree of flexibility. This organic insulation is chosen over inorganic insulation due to its low dielectric constant and superior amenability. In semiconductors and multichip modules, polyimides serve as interlayer dielectrics. Increased

demand for electric mobility vehicles such as buses and cars also contributing toward the polyimide coatings market growth. In addition, the increase in demand for robots and automation is another factor driving the growth of the polyimide coatings market. Various regulatory agencies, municipal and regional governments, and other administrations have not imposed stringent regulatory restrictions on the polyimide coatings market.

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The polyimide coatings market is segmented into type, application, and region. On the basis of type, the thermoset segment dominated the polyimide coatings market in terms of revenue in 2021. Thermoset polyimides coatings are widely utilized in a variety of end-use applications due to their vast set of features, including resistance to high temperatures, dimensional stability, and electrical insulation capabilities. In addition, its performance is superior to that of other materials such as metals and thermoplastics.

Key Market Players:

FLEXcon Company, Inc., SOLVER POLYIMIDE, DuPont de Nemours, Inc., UBE Corporation, KANEKA CORPORATION, Toray Industries, Inc., Saint-Gobain, I.S.T Corporation, ELANTAS Beck India Ltd, MITSUI CHEMICALS, INC.

Want to Access the Statistical Data and Graphs, Key Players' Strategies:

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KEY FINDINGS OF THE STUDY

- On the basis of type, the thermoset segment emerged as the global leader by acquiring more than 57.1% of the market share in 2021, and thermoplastic segment is anticipated to show lucrative growth rate over the forecast period.
- On the basis of application, the electronic parts segment accounted for 42.6% of the global market share in FY2021 and fiber optic cables are expected to have fastest growth rate over the forecast period.
- On the basis of region, Asia-Pacific is the major consumer of polyimide coating among other regions. It accounted for around 50.5% of the global market share in 2021.

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