

# Liquid Crystal Polymers Market Segments, Drivers, Restraints, And Trends For 2024-2033

The Business Research Company's Liquid Crystal Polymers Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033

LONDON, GREATER LONDON, UK, August 15, 2024 /EINPresswire.com/ --The <u>liquid crystal polymers market</u> has experienced robust growth in recent



years, expanding from \$1.75 billion in 2023 to \$1.89 billion in 2024 at a compound annual growth rate (CAGR) of 7.8%. The growth in the historic period can be attributed to data center expansion, energy efficiency, cost-effective scaling, web hosting requirements, low power consumption, parallel processing needs.



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## Strong Future Growth Anticipated

The liquid crystal polymers market is projected to continue its strong growth, reaching \$2.62 billion in 2028 at a compound annual growth rate (CAGR) of 8.5%. The growth in the forecast period can be attributed to smart cities development, autonomous vehicles, telemedicine growth, evolving security requirements, security concerns and hardware-based solutions.

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#### Growth Driver Of The Liquid Crystal Polymers Market

The development of lightweight materials for automobile components is driving the liquid crystal polymer market going forward. Lightweight automotive components refer to parts and materials used in vehicles that are designed to be lighter in weight compared to traditional automotive components. These components are in demand due to their added benefits. Liquid crystal polymers are used for making lightweight automotive components that are used in electric

vehicles and combustion vehicles.

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#### Major Players And Market Trends

Key players in the liquid crystal polymers market include Celanese Corporation, Sumitomo Chemical Co. Ltd., Toray Industries Inc., Solvay S.A., Ueno Fine Chemicals Industry Ltd., Shanghai PRET Composites Co. Ltd.

Product innovations are a key trend gaining popularity in the liquid crystal polymer market. Major companies in the market are introducing innovative products such as SUMIKASUPER liquid crystal polymers to sustain their position in the market.

#### Segments:

- 1) By Product Type: Lyotropic LC Polymers, Thermotropic LC polymers
- 2) By Category: Main Chain LC Polymers, Side Chain LC Polymers
- 3) By Form: LCP Resins And Compounds, Liquid Crystal Polymer Films, Liquid Crystal Polymer Fibers
- 4) By Application: Electrical And Electronics, Industrial Machinery, Consumer Goods, Lighting, Medical, Other Applications

## Geographical Insights: Asia-Pacific Leading The Market

Asia-Pacific was the largest region in the liquid crystal polymer market in 2023. Asia-Pacific is expected to be the fastest-growing region in the global liquid crystal polymers market during the forecast period. The regions covered in the liquid crystal polymers market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa

## Liquid Crystal Polymers Market Definition

Liquid crystal polymers (LCPs) refer to a class of high-performance engineering thermoplastics that possess a unique combination of properties, including high strength, stiffness, chemical resistance, and thermal stability. LCPs are used in a variety of high-performance applications in different industries wear and degradation concerns encountered with existing fiber materials are addressed by temperature and chemical conditions.

Liquid Crystal Polymers Global Market Report 2024 from The Business Research Company covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Liquid Crystal Polymers Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on <u>liquid crystal polymers market size</u>, liquid crystal polymers market drivers and trends, liquid crystal polymers market major players, liquid crystal polymers competitors' revenues, liquid crystal polymers market positioning, and liquid crystal polymers market growth across geographies. The liquid crystal polymers market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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The Business Research Company has published over 15000+ reports in 27 industries, spanning 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model - Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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