

# Modacrylic Fiber Market Shows Outstanding Worldwide Growth and Excellent Momentum till 2031

*The global modacrylic fiber market is projected to reach \$866.4 million by 2031, growing at a CAGR of 4.7% from 2022 to 2031.*

WILMINGTON, DE, UNITED STATES, July 25, 2025 /EINPresswire.com/ -- A recent report by Allied Market Research offers a comprehensive analysis of the global [modacrylic fiber market](#), highlighting key growth drivers, emerging trends, and the overall market landscape. It explores major investment

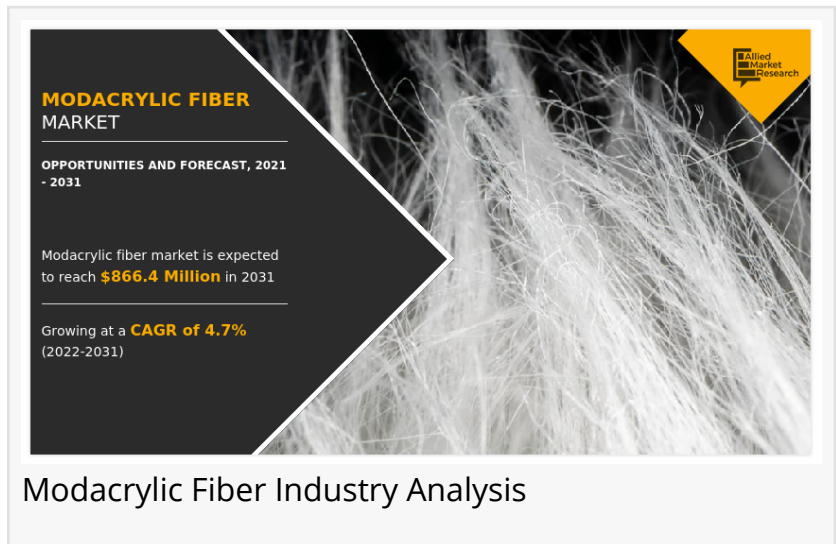
opportunities, detailed market segmentation, regional trends, value chain dynamics, and the competitive environment. According to the report, the market accounted for \$550.0 million in 2021 and is projected to reach \$866.4 million by 2031, rising at a CAGR of 4.7% from 2022 to 2031.

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The report provides an in-depth analysis of the primary drivers fueling industry growth, while also examining the constraints that limit market expansion. It highlights emerging opportunities that could shape the future of the market. In addition, the study delves into various aspects such as market structure, size, and detailed forecasts related to market share, production, sales volume, growth prospects, as well as potential risks and challenges.

## Industry dynamics

Modacrylic fiber, a modified synthetic acrylic fiber containing 35–85% acrylonitrile monomer by weight, offers exceptional properties such as softness, resilience, heat & chemical resistance, and shape retention. These characteristics make it ideal for applications in the automotive, industrial, and protective clothing sectors, as well as household and hair care products. Rapid



infrastructure growth and increase in automotive demand in countries such as the U.S., China, and India boost its use, particularly for thermal insulation. In addition, the modern construction sector drives up demand for modacrylic-based furnishings. However, strict regulations on acrylonitrile monomers, rise in raw material costs, market competition, and limited public awareness hinder market expansion. These challenges have somewhat restrained the overall growth of the modacrylic fiber market despite its broad applicability.

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### Versatile rise of modacrylic fiber across multiple sectors

In the last few years, modacrylic fiber has witnessed a surge in innovative applications across multiple industries due to its inherent flame resistance, durability, and versatility. In protective clothing, modacrylic is increasingly favored for firefighter suits, industrial safety gear, and electrical safety apparel, as it does not melt or drip when exposed to fire, reducing secondary injury risks. Its compatibility with other fibers, such as cotton, viscose, nylon, aramid, and polyester, enables the creation of blended fabrics. These fabrics enhance comfort, breathability, and thermal protection of clothing, making it a top choice for high-performance, lightweight, and durable protective garments. In addition, recent advancements in modacrylic fibers have led to the development of antibacterial, antistatic, and lightweight modacrylic fibers for specialized safety and medical uniforms, further expanding their utility in healthcare and hospitality sectors.

Apart from safety gear, modacrylic fibers are making notable strides in home furnishings and the fashion industry. Their resistance to UV light, chemicals, and mildew, along with excellent color retention and softness, make them ideal for upholstery, drapes, bedding, and faux fur products. In the beauty and entertainment sectors, modacrylic's realistic texture and dyeability have made it the preferred material for wigs, hairpieces, and theatrical costumes, offering a cruelty-free and cost-effective alternative to natural hair. The modacrylic fiber industry has witnessed a transition toward sustainable production. Many manufacturers have started adopting low-emission technologies and recyclable materials, reflecting a broader industry commitment to environmental responsibility and compliance with evolving safety standards.

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### Competitive scenario

The report presents a detailed assessment of the leading market players, emphasizing their competitive advantages. It offers valuable insights into their business performance, product portfolios, operational segments, and recent strategic developments. Key industry players profiled in the report include:

Aksa Akrilik Kimya sanayii A.S.,

Xinke special textile Co.,

Kaneka Corporation

Tiajin Glory Tang Co., Ltd,

Formosa Chemicals and Fiber Corporation

TenCate Protective Fabrics,

China National Petroleum Corporation

Grupo Kaltex,

TORAY INDUSTRIES,

ChinaTexNet.com,

Japan Chemical Fibers Association

Zhangjiagang Hengfeng Textile Company Limited

Zhejiang Wangzhuo Knitting Co., Ltd,

TAEKWANG Industrial Co. Ltd,

Shanghai Changjie Textile Company Limited,

In summary, the AMR report on the global modacrylic fiber sector delivers critical insights into essential market dynamics, emphasizing key players and their effective strategies. It offers an in-depth evaluation of the competitive landscape using established analytical frameworks such as Porter's Five Forces. The report empowers businesses with actionable intelligence and strategic data, enabling informed decisions and supporting long-term, sustainable growth.

Access Full Summary Report: <https://www.alliedmarketresearch.com/modacrylic-fiber-market-A17106>

For More Details: <https://www.globenewswire.com/en/news-release/2022/08/22/2501984/0/en/Modacrylic-Fiber-Market-Size-Worth-866-4-Million-by-2031-CAGR-4-7-AMR.html>

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