

Global Biomass Furan Dicarboxylic Acid (FDCA) Competitive Landscape Professional Research Report 2025

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Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Biomass Furan Dicarboxylic Acid (FDCA) market size will reach 230.01 Million USD in 2025 and is projected to reach 5,661.40 Million USD by 2032, with a CAGR of 58.03% (2025-2032). Notably, the China Biomass Furan Dicarboxylic Acid (FDCA) market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

Biomass furan dicarboxylic acid (FDCA) is a renewable chemical compound derived from biomass sources such as sugars, starches, or lignocellulosic materials. It is a building block molecule with potential applications in the production of bioplastics, polyesters, and other sustainable materials. FDCA is considered a promising alternative to petrochemical-based dicarboxylic acids due to its renewable origin and potential for lower environmental impact. It can be used as a precursor in the synthesis of polyethylene furanoate (PEF), a bio-based polymer that exhibits similar or superior properties compared to traditional polyesters like polyethylene terephthalate (PET). Research and development efforts are ongoing to commercialize FDCA as a key component in the bio-based materials industry, aiming to reduce dependency on fossil fuels and contribute to a more sustainable future.

The major global manufacturers of Biomass Furan Dicarboxylic Acid (FDCA) include Avantium, Novamont, Stora Enso, Origin Materials, AVA Biochem, Zhejiang Sugar

Energy, GS Biotech, CellUranics, Puyang Baiaomaisi, LeafBiotech, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Biomass Furan Dicarboxylic Acid (FDCA). Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Biomass Furan Dicarboxylic Acid (FDCA) market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Biomass Furan Dicarboxylic Acid (FDCA) market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Biomass Furan Dicarboxylic Acid (FDCA) industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Biomass Furan Dicarboxylic Acid (FDCA) Include:

Avantium

Novamont

Stora Enso

Origin Materials

AVA Biochem

Zhejiang Sugar Energy

GS Biotech

CellUranics

Puyang Baiaomaisi

LeafBiotech

Biomass Furan Dicarboxylic Acid (FDCA) Product Segment Include:

5-HMF

Furfural

Hexaric Acid

Biomass Furan Dicarboxylic Acid (FDCA) Product Application Include:

PEF

Others

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