

Polyethylene Furanoate (PEF) Market by Source (Plant Based, Bio Based), Grade, Application (Bottles, Films, Fibers, Molded), End-Use Industry (Packaging, Fiber & Textiles, Electronics & Electrical, Pharmaceuticals), & Region - Global Forecast to 2028

<https://marketpublishers.com/r/P8EC729B9C8AEN.html>

Date: January 2024

Pages: 168

Price: US\$ 4,950.00 (Single User License)

ID: P8EC729B9C8AEN

Abstracts

The PEF market is projected to reach USD 28 million by 2028, at a CAGR of 8.1% from USD 19 million in 2023. The surge in demand for Polyethylene furanoate (PEF) in bottle production stems from its exceptional properties, notably its remarkable barrier qualities against gases like carbon dioxide and oxygen. This superior performance ensures extended shelf life and heightened preservation of product freshness, catering to the stringent requirements of the food and beverage industry. As consumers increasingly prioritize sustainability in their purchasing decisions, PEF emerges as a frontrunner, meeting eco-conscious preferences while maintaining the necessary functionality for packaging applications.

Concurrently, the burgeoning interest in PEF within the fiber segment emphasizes its adaptability and versatility. Its enhanced mechanical and thermal characteristics make it an enticing choice for crafting high-performance fibers, revolutionizing textiles and various industrial uses. PEF's eco-friendly profile aligns perfectly with the growing demand for sustainable materials in textiles, driving innovation in durable and environmentally responsible fabrics. This dual upsurge in demand from both bottle manufacturers and the fiber industry underscores a larger industry shift towards embracing sustainable solutions. Businesses capitalizing on PEF not only cater to evolving consumer desires but also demonstrate commitment to environmental responsibility, positioning themselves as industry leaders embracing sustainable practices amidst changing market dynamics.

“Fiber & textile segment is expected to account for the second-largest share in 2022.”

The Fiber & Textile industry represents a significant end-use sector with promising potential for Polyethylene Furanoate (PEF) within the market. PEF, a bio-based polyester, offers distinctive advantages for this industry, particularly in the production of sustainable textiles and fibers. Its inherent properties, including enhanced strength, durability, and superior barrier capabilities compared to conventional plastics, make it an attractive material for textile applications. In this industry, PEF's renewable sourcing from plant-based materials aligns seamlessly with the growing consumer demand for eco-friendly and sustainable products. The textile sector, driven by an increasing emphasis on sustainability, seeks innovative materials to reduce its environmental impact. PEF emerges as a viable alternative, contributing to the development of environmentally conscious fabrics and fibers.

“Based on region, Europe region was the largest market for PEF in 2022, in terms of value.”

Europe's stringent environmental regulations and robust commitment to sustainability initiatives, such as the Circular Economy Action Plan, create a fertile ground for eco-friendly alternatives. PEF's bio-based composition and potential biodegradability resonate well with these objectives, positioning it as an attractive material in compliance with Europe's sustainability goals. Moreover, European consumers demonstrate a strong inclination towards sustainable products. This growing preference, coupled with a willingness to invest in environmentally friendly options, bolsters the market potential for innovative materials like PEF. Additionally, Europe's well-established research and development infrastructure, coupled with supportive funding mechanisms, foster an environment conducive to PEF's development, scalability, and commercialization.

In the process of determining and verifying the market size for several segments and subsegments identified through secondary research, extensive primary interviews were conducted. A breakdown of the profiles of the primary interviewees are as follows:

By Company Type: Tier 1 - 35%, Tier 2 - 45%, and Tier 3 - 20%

By Designation: C-Level - 35%, Director Level - 25%, and Others - 40%

By Region: North America - 25%, Europe - 45%, Asia Pacific - 20%, Middle East & Africa-5%, and Latin America-5%

The key players in this market are include Avantium NV (Netherland), Sulzer (Switzerland), AVA Biochem (Switzerland), ALPLA Group (Austria), Swicofil (Switzerland), Origin Materials (US), Toyobo Co., Ltd. (Japan), Danone (France), Mitsui & Co. (Japan), Eastman (US).

Research Coverage

This report segments the market for PEF market on the basis of source,grade, application, end-use industry region, and provides estimations for the overall value of the market across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, new product launches, expansions, and mergers & acquisition associated with the market for PEF market.

Key benefits of buying this report

This research report is focused on various levels of analysis — industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the PEF market; high-growth regions; and market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Analysis of key drivers (Government regulation & policies, increasing demand for PEF for bottle production and the growing demand from the fiber segment, upsurge investment and industry collaboration), restraints (Entrenched infrastructure and dominant market presence of conventional plastic), opportunities (Growing demand for sustainable packaging, diverse application potential) and challenges (high cost related to the production process of PEF) influencing the growth of the PEF market

Market Penetration: Comprehensive information on PEF market offered by top players in the global PEF market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the PEF market.

Market Development: Comprehensive information about lucrative emerging markets — the report analyzes the markets for PEF market across regions.

Market Diversification: Exhaustive information about new products, untapped regions, and recent developments in the global PEF market

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the PEF market

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
 - 1.2.1 INCLUSIONS & EXCLUSIONS
- 1.3 STUDY SCOPE
 - 1.3.1 MARKET SEGMENTATION
 - 1.3.2 REGIONS COVERED
 - 1.3.3 YEARS CONSIDERED
- 1.4 CURRENCY CONSIDERED
- 1.5 UNITS CONSIDERED
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - FIGURE 1 POLYETHYLENE FURANOATE MARKET: RESEARCH DESIGN
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Primary interviews – demand and supply side
 - 2.1.2.3 Key industry insights
 - 2.1.2.4 Breakdown of primary interviews
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - FIGURE 2 POLYETHYLENE FURANOATE MARKET: BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
 - FIGURE 3 POLYETHYLENE FURANOATE MARKET: TOP-DOWN APPROACH
 - FIGURE 4 MARKET SIZE ESTIMATION: POLYETHYLENE FURANOATE MARKET TOP-DOWN APPROACH
- 2.3 GROWTH FORECAST
 - FIGURE 5 DEMAND-SIDE FORECAST
- 2.4 DATA TRIANGULATION
 - FIGURE 6 POLYETHYLENE FURANOATE MARKET: DATA TRIANGULATION
- 2.5 FACTOR ANALYSIS
- 2.6 ASSUMPTIONS

2.7 LIMITATIONS & RISKS ASSOCIATED WITH POLYETHYLENE FURANOATE MARKET

2.8 RECESSION IMPACT

3 EXECUTIVE SUMMARY

FIGURE 7 STANDARD GRADE TO BE LARGEST GRADE OF POLYETHYLENE FURANOATE DURING FORECAST PERIOD

FIGURE 8 PACKAGING TO BE LARGEST APPLICATION OF POLYETHYLENE FURANOATE DURING FORECAST PERIOD

FIGURE 9 BOTTLES APPLICATION TO LEAD OVERALL MARKET DURING FORECAST PERIOD

FIGURE 10 ASIA PACIFIC TO BE FASTEST-GROWING MARKET DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN POLYETHYLENE FURANOATE MARKET

FIGURE 11 EMERGING ECONOMIES TO WITNESS HIGH GROWTH DURING FORECAST PERIOD

4.2 POLYETHYLENE FURANOATE MARKET, BY GRADE

FIGURE 12 STANDARD GRADE TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

4.3 POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY

FIGURE 13 PACKAGING TO LEAD OVERALL MARKET DURING FORECAST PERIOD

4.4 POLYETHYLENE FURANOATE MARKET, BY APPLICATION

FIGURE 14 BOTTLES TO BE LARGEST APPLICATION DURING FORECAST PERIOD

4.5 POLYETHYLENE FURANOATE MARKET, BY COUNTRY

FIGURE 15 CHINA TO REGISTER HIGHEST CAGR IN POLYETHYLENE FURANOATE MARKET

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 16 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN

POLYETHYLENE FURANOATE MARKET

5.2.1 DRIVERS

5.2.1.1 Government regulations and policies

5.2.1.2 Increase in demand for bottle production and from fiber segment

5.2.1.3 Growth in investments and industry collaboration

TABLE 1 POLYETHYLENE FURANOATE: DEALS

5.2.2 RESTRAINTS

5.2.2.1 Established infrastructure and dominant market presence of conventional plastics

5.2.3 OPPORTUNITIES

5.2.3.1 Growing demand for sustainable packaging

5.2.3.2 Diverse application potential

5.2.4 CHALLENGES

5.2.4.1 High cost of production

5.3 VALUE CHAIN ANALYSIS

FIGURE 17 VALUE CHAIN ANALYSIS

5.3.1 RAW MATERIAL SUPPLIERS

5.3.2 MANUFACTURERS

5.3.3 DISTRIBUTORS

5.3.4 END USERS

5.4 PORTER'S FIVE FORCES ANALYSIS

FIGURE 18 PORTER'S FIVE FORCES ANALYSIS

5.4.1 THREAT OF NEW ENTRANTS

5.4.2 THREAT OF SUBSTITUTES

5.4.3 BARGAINING POWER OF SUPPLIERS

5.4.4 BARGAINING POWER OF BUYERS

5.4.5 INTENSITY OF COMPETITIVE RIVALRY

TABLE 2 POLYETHYLENE FURANOATE MARKET: PORTER'S FIVE FORCES ANALYSIS

5.5 PATENT ANALYSIS

5.5.1 METHODOLOGY

5.5.2 DOCUMENT TYPES

FIGURE 19 GRANTED PATENTS

5.5.3 PUBLICATION TRENDS IN LAST 10 YEARS

5.5.4 INSIGHTS

5.5.5 JURISDICTION ANALYSIS

5.5.6 TOP 10 APPLICANTS

5.5.7 TOP 10 PATENT OWNERS IN LAST 10 YEARS

5.6 PRICING ANALYSIS

5.6.1 AVERAGE SELLING PRICE TREND, BY REGION
FIGURE 20 AVERAGE SELLING PRICE, BY REGION (USD/KG)
5.6.2 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY APPLICATION
FIGURE 21 AVERAGE SELLING PRICE, BY MARKET PLAYER (USD/KG)
TABLE 3 AVERAGE SELLING PRICE OF KEY PLAYERS FOR TOP 3 APPLICATIONS (USD/KG)
5.6.3 AVERAGE SELLING PRICE, BY GRADE (USD/KG)
5.7 ECOSYSTEM/MARKET MAP
FIGURE 22 POLYETHYLENE FURANOATE ECOSYSTEM
TABLE 4 POLYETHYLENE FURANOATE: ECOSYSTEM
5.8 TECHNOLOGY ANALYSIS
5.8.1 YXY TECHNOLOGY
5.8.2 BIO-BASED FEEDSTOCK PROCESSING
5.9 TRADE ANALYSIS
5.9.1 IMPORT SCENARIO OF CHEMICALLY PURE FRUCTOSE IN SOLID FORM
FIGURE 23 IMPORT OF CHEMICALLY PURE FRUCTOSE IN SOLID FORM, BY KEY COUNTRY, 2018–2022
5.9.2 EXPORT SCENARIO OF CHEMICALLY PURE FRUCTOSE IN SOLID FORM
FIGURE 24 EXPORT OF CHEMICALLY PURE FRUCTOSE IN SOLID FORM, BY KEY COUNTRY, 2018–2022
5.10 MACROECONOMIC INDICATORS
5.10.1 PLASTIC PRODUCTION
TABLE 5 PLASTIC PRODUCTION (MILLION TONS)
5.11 TARIFF & REGULATORY LANDSCAPE
5.11.1 REGULATIONS
5.11.2 NORTH AMERICA
5.11.3 EUROPE
5.11.4 ASIA
5.11.5 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
TABLE 6 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
5.12 TRENDS/DISRUPTIONS IMPACTING CUSTOMER'S BUSINESS
FIGURE 25 TRENDS/DISRUPTIONS IMPACTING CUSTOMER'S BUSINESS IN POLYETHYLENE FURANOATE MARKET
5.13 KEY CONFERENCES & EVENTS IN 2023–2024
TABLE 7 POLYETHYLENE FURANOATE MARKET: KEY CONFERENCES & EVENTS, 2023–2024
5.14 KEY STAKEHOLDERS & BUYING CRITERIA

FIGURE 26 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3 END-USE INDUSTRIES

5.14.1 KEY STAKEHOLDERS IN BUYING PROCESS

TABLE 8 INFLUENCE OF INSTITUTIONAL BUYERS ON BUYING PROCESS FOR TOP 3 APPLICATIONS

5.14.2 BUYING CRITERIA

5.14.2.1 Quality

5.14.2.2 Service

FIGURE 27 SUPPLIER SELECTION CRITERION

TABLE 9 KEY BUYING CRITERIA FOR TOP 3 END-USE INDUSTRIES

5.15 CASE STUDY ANALYSIS

5.15.1 CARLSBERG

5.16 POLYETHYLENE FURANOATE LIFECYCLE

FIGURE 28 PEF LIFECYCLE

5.17 TECHNICAL PROPERTIES ASSESSMENT (COMPARISON WITH CONVENTIONAL POLYMERS)

TABLE 10 PHYSICAL PROPERTIES

TABLE 11 MECHANICAL PROPERTIES

TABLE 12 CHEMICAL PROPERTIES

6 POLYETHYLENE FURANOATE MARKET, BY SOURCE

6.1 INTRODUCTION

6.2 PLANT BASED

6.2.1 SUGAR BUILDING BLOCK FOR PLANT-BASED PEF

6.3 BIO BASED

6.3.1 FDCA IMPORTANT RAW MATERIAL FOR BIO-BASED PEF

7 POLYETHYLENE FURANOATE MARKET, BY GRADE

7.1 INTRODUCTION

FIGURE 29 STANDARD GRADE SEGMENT TO DRIVE PEF MARKET BETWEEN 2023 AND 2028

TABLE 13 POLYETHYLENE FURANOATE MARKET, BY GRADE, 2021–2028 (TON)

TABLE 14 POLYETHYLENE FURANOATE MARKET, BY GRADE, 2021–2028 (USD THOUSAND)

7.2 STANDARD GRADE

7.3 HIGH-PERFORMANCE GRADE

7.4 BLENDED/CUSTOMIZED GRADE

7.5 OTHER GRADES

8 POLYETHYLENE FURANOATE MARKET, BY APPLICATION

8.1 INTRODUCTION

FIGURE 30 BOTTLES TO DOMINATE OVERALL POLYETHYLENE FURANOATE MARKET BETWEEN 2023 AND 2028

TABLE 15 POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 16 POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

8.2 BOTTLES

8.2.1 SUPERIOR BIODEGRADABLE PROPERTIES TO DRIVE MARKET

8.3 FIBERS

8.3.1 HIGHER SUSTAINABILITY TO HELP PROMOTE PEF IN FABRIC APPLICATION

8.4 FILMS

8.4.1 ONGOING RESEARCH FOR IMPROVING FILM PROPERTIES TO DRIVE MARKET

8.5 MOLDED COMPONENTS

8.5.1 PROPERTIES OF PEF SUITABLE FOR MOLDED COMPONENTS

8.6 EXTRUDED COMPONENTS

8.6.1 CUSTOM-MADE EXTRUSIONS TO HAVE HUGE POTENTIAL

8.7 OTHER APPLICATIONS

9 POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY

9.1 INTRODUCTION

FIGURE 31 PACKAGING TO DOMINATE OVERALL POLYETHYLENE FURANOATE MARKET BETWEEN 2023 AND 2028

TABLE 17 POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (TON)

TABLE 18 POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (USD THOUSAND)

9.2 PACKAGING

9.2.1 SUPERIOR BARRIER PROPERTIES TO DRIVE USE IN PACKAGING INDUSTRY

9.3 FIBER & TEXTILE

9.3.1 FEASIBLE ALTERNATIVE TO TRADITIONAL PET YARNS

9.4 ELECTRONIC & ELECTRICAL COMPONENTS

9.4.1 SUPERIOR INSULATION PROPERTIES TO DRIVE USE

9.5 AUTOMOTIVE COMPONENTS

9.5.1 PEF MEETS PERFORMANCE REQUIREMENTS IN AUTOMOTIVE INDUSTRY

9.6 PHARMACEUTICALS

9.6.1 RESEARCH IN FIELD TO PROVIDE NEW APPLICATIONS

9.7 OTHER END-USE INDUSTRIES

10 POLYETHYLENE FURANOATE MARKET, BY REGION

10.1 INTRODUCTION

FIGURE 32 CHINA TO LEAD POLYETHYLENE FURANOATE MARKET

TABLE 19 POLYETHYLENE FURANOATE MARKET, BY REGION, 2021–2028 (TON)

TABLE 20 POLYETHYLENE FURANOATE MARKET, BY REGION, 2021–2028 (USD THOUSAND)

10.2 NORTH AMERICA

10.2.1 RECESSION IMPACT

FIGURE 33 NORTH AMERICA: POLYETHYLENE FURANOATE MARKET
SNAPSHOT

TABLE 21 NORTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY
COUNTRY, 2021–2028 (TON)

TABLE 22 NORTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY
COUNTRY, 2021–2028 (USD THOUSAND)

TABLE 23 NORTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY
APPLICATION, 2021–2028 (TON)

TABLE 24 NORTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY
APPLICATION, 2021–2028 (USD THOUSAND)

TABLE 25 NORTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY END-
USE INDUSTRY, 2021–2028 (TON)

TABLE 26 NORTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY END-
USE INDUSTRY, 2021–2028 (USD THOUSAND)

10.2.2 US

10.2.2.1 Sustainable packaging industry to boost market

TABLE 27 US: POLYETHYLENE FURANOATE MARKET, BY APPLICATION,
2021–2028 (TON)

TABLE 28 US: POLYETHYLENE FURANOATE MARKET, BY APPLICATION,
2021–2028 (USD THOUSAND)

10.2.3 CANADA

10.2.3.1 Growing demand for sustainable packaging to drive market

TABLE 29 CANADA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 30 CANADA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.2.4 MEXICO

10.2.4.1 Large target market for growth of polyethylene furanoate in packaging industry

TABLE 31 MEXICO: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 32 MEXICO: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.3 ASIA PACIFIC

10.3.1 RECESSION IMPACT

FIGURE 34 ASIA PACIFIC: POLYETHYLENE FURANOATE MARKET SNAPSHOT

TABLE 33 ASIA PACIFIC: POLYETHYLENE FURANOATE MARKET, BY COUNTRY, 2021–2028 (TON)

TABLE 34 ASIA PACIFIC: POLYETHYLENE FURANOATE MARKET, BY COUNTRY, 2021–2028 (USD THOUSAND)

TABLE 35 ASIA PACIFIC: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 36 ASIA PACIFIC: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

TABLE 37 ASIA PACIFIC: POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (TON)

TABLE 38 ASIA PACIFIC: POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (USD THOUSAND)

10.3.2 CHINA

10.3.2.1 Government initiative regarding biodegradable plastics to drive market

TABLE 39 CHINA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 40 CHINA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.3.3 JAPAN

10.3.3.1 Trend of plastic waste reduction to drive market

TABLE 41 JAPAN: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 42 JAPAN: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.3.4 INDIA

10.3.4.1 Superior properties to help replace PET

TABLE 43 INDIA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 44 INDIA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.3.5 SOUTH KOREA

10.3.5.1 Government initiatives provide potential scope for market growth

TABLE 45 SOUTH KOREA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 46 SOUTH KOREA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.3.6 THAILAND

10.3.6.1 Sustainable packaging to drive demand

TABLE 47 THAILAND: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 48 THAILAND: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.3.7 AUSTRALIA

10.3.7.1 Increasing use in bottles to propel demand

TABLE 49 AUSTRALIA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 50 AUSTRALIA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.3.8 REST OF ASIA PACIFIC

TABLE 51 REST OF ASIA PACIFIC: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 52 REST OF ASIA PACIFIC: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.4 EUROPE

10.4.1 RECESSION IMPACT

FIGURE 35 EUROPE: POLYETHYLENE FURANOATE MARKET SNAPSHOT

TABLE 53 EUROPE: POLYETHYLENE FURANOATE MARKET, BY COUNTRY, 2021–2028 (TON)

TABLE 54 EUROPE: POLYETHYLENE FURANOATE MARKET, BY COUNTRY, 2021–2028 (USD THOUSAND)

TABLE 55 EUROPE: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 56 EUROPE: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

TABLE 57 EUROPE: POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (TON)

TABLE 58 EUROPE: POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (USD THOUSAND)

10.4.2 GERMANY

10.4.2.1 Growth of packaging industry to drive market

TABLE 59 GERMANY: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 60 GERMANY: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.4.3 FRANCE

10.4.3.1 Agricultural industry to drive growth

TABLE 61 FRANCE: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 62 FRANCE: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.4.4 UK

10.4.4.1 Demand for ecological packaging to drive market

TABLE 63 UK: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 64 UK: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.4.5 ITALY

10.4.5.1 Regulations and initiatives by government for plastic waste reduction to drive demand

TABLE 65 ITALY: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 66 ITALY: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.4.6 SPAIN

10.4.6.1 Growth of food & beverage industry to drive polyethylene furanoate demand

TABLE 67 SPAIN: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 68 SPAIN: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.4.7 TURKEY

10.4.7.1 Retail stores to drive packaging industry

TABLE 69 TURKEY: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 70 TURKEY: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.4.8 BENELUX

10.4.8.1 Focus on building supply chain to drive market

TABLE 71 BENELUX: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 72 BENELUX: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.4.9 REST OF EUROPE

TABLE 73 REST OF EUROPE: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 74 REST OF EUROPE: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.5 MIDDLE EAST & AFRICA

10.5.1 RECESSION IMPACT

TABLE 75 MIDDLE EAST & AFRICA: POLYETHYLENE FURANOATE MARKET, BY COUNTRY, 2021–2028 (TON)

TABLE 76 MIDDLE EAST & AFRICA: POLYETHYLENE FURANOATE MARKET, BY COUNTRY, 2021–2028 (USD THOUSAND)

TABLE 77 MIDDLE EAST & AFRICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 78 MIDDLE EAST & AFRICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

TABLE 79 MIDDLE EAST & AFRICA: POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (TON)

TABLE 80 MIDDLE EAST & AFRICA: POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (USD THOUSAND)

10.5.2 GCC COUNTRIES

10.5.2.1 Saudi Arabia

10.5.2.1.1 Government's plastic ban initiatives to drive demand

TABLE 81 SAUDI ARABIA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 82 SAUDI ARABIA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.5.2.2 UAE

10.5.2.2.1 Increasing awareness of sustainability to drive market

TABLE 83 UAE: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 84 UAE: POLYETHYLENE FURANOATE MARKET, BY APPLICATION,

2021–2028 (USD THOUSAND)

10.5.2.3 Other GCC Countries

TABLE 85 OTHER GCC COUNTRIES: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 86 OTHER GCC COUNTRIES: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.5.3 SOUTH AFRICA

10.5.3.1 Focus on bio-based plastics to drive polyethylene furanoate market

TABLE 87 SOUTH AFRICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 88 SOUTH AFRICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.5.4 REST OF THE MIDDLE EAST & AFRICA

TABLE 89 REST OF MIDDLE EAST & AFRICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 90 REST OF MIDDLE EAST & AFRICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.6 SOUTH AMERICA

10.6.1 RECESSION IMPACT

TABLE 91 SOUTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY COUNTRY, 2021–2028 (TON)

TABLE 92 SOUTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY COUNTRY, 2021–2028 (USD THOUSAND)

TABLE 93 SOUTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 94 SOUTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

TABLE 95 SOUTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (TON)

TABLE 96 SOUTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY END-USE INDUSTRY, 2021–2028 (USD THOUSAND)

10.6.2 BRAZIL

10.6.2.1 Developing e-commerce to boost market growth

TABLE 97 BRAZIL: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 98 BRAZIL: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.6.3 ARGENTINA

10.6.3.1 Environmentally friendly products to drive demand

TABLE 99 ARGENTINA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 100 ARGENTINA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

10.6.4 REST OF SOUTH AMERICA

TABLE 101 REST OF SOUTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (TON)

TABLE 102 REST OF SOUTH AMERICA: POLYETHYLENE FURANOATE MARKET, BY APPLICATION, 2021–2028 (USD THOUSAND)

11 COMPETITIVE LANDSCAPE

11.1 KEY PLAYER STRATEGIES/RIGHT TO WIN

FIGURE 36 COMPANIES ADOPTED PARTNERSHIP AND EXPANSION AS KEY GROWTH STRATEGIES BETWEEN 2018 AND 2023

11.2 REVENUE ANALYSIS

FIGURE 37 REVENUE ANALYSIS

11.3 MARKET SHARE ANALYSIS

FIGURE 38 RANKING OF KEY MARKET PLAYERS

FIGURE 39 MARKET SHARE OF KEY PLAYERS, 2022

TABLE 103 POLYETHYLENE FURANOATE MARKET: DEGREE OF COMPETITION

11.4 COMPANY EVALUATION MATRIX, 2022

11.4.1 STAR PLAYERS

11.4.2 EMERGING LEADERS

11.4.3 PERVASIVE PLAYERS

11.4.4 PARTICIPANTS

FIGURE 40 COMPANY EVALUATION MATRIX, 2022

11.4.5 COMPANY FOOTPRINT

TABLE 104 COMPANY APPLICATION FOOTPRINT

TABLE 105 COMPANY REGION FOOTPRINT

FIGURE 41 COMPANY PRODUCT FOOTPRINT

TABLE 106 COMPANY OVERALL FOOTPRINT

11.4.6 COMPETITIVE BENCHMARKING

TABLE 107 DETAILED LIST OF COMPANIES

TABLE 108 POLYETHYLENE FURANOATE MARKET: COMPETITIVE BENCHMARKING

11.5 COMPETITIVE SCENARIO AND TRENDS

11.5.1 DEALS

TABLE 109 DEALS, 2018–2023

11.5.2 OTHER DEVELOPMENTS

TABLE 110 OTHERS, 2018–2023

12 COMPANY PROFILES

(Business overview, Products/Solutions/Services offered, Recent Developments, MnM view, Key strengths, Strategic choices, Weaknesses and competitive threats) *

12.1 KEY PLAYERS

12.1.1 AVANTIUM N.V.

TABLE 111 AVANTIUM N.V.: COMPANY OVERVIEW

FIGURE 42 AVANTIUM N.V.: COMPANY SNAPSHOT

TABLE 112 AVANTIUM N.V.: PRODUCTS OFFERED

TABLE 113 AVANTIUM N.V.: DEALS

TABLE 114 AVANTIUM N.V.: OTHERS

12.1.2 SULZER

TABLE 115 SULZER: COMPANY OVERVIEW

FIGURE 43 SULZER: COMPANY SNAPSHOT

TABLE 116 SULZER: PRODUCTS OFFERED

TABLE 117 SULZER: DEALS

TABLE 118 SULZER: OTHERS

12.1.3 AVA BIOCHEM

TABLE 119 AVA BIOCHEM: COMPANY OVERVIEW

TABLE 120 AVA BIOCHEM: PRODUCTS OFFERED

TABLE 121 AVA BIOCHEM: DEALS

12.1.4 ORIGIN MATERIALS

TABLE 122 ORIGIN MATERIALS: COMPANY OVERVIEW

TABLE 123 ORIGIN MATERIALS: PRODUCTS OFFERED

TABLE 124 ORIGIN MATERIALS: DEALS

12.1.5 SWICOFIL

TABLE 125 SWICOFIL: COMPANY OVERVIEW

TABLE 126 SWICOFIL: PRODUCTS OFFERED

12.1.6 ALPLA GROUP

TABLE 127 ALPLA GROUP: COMPANY OVERVIEW

TABLE 128 ALPLA GROUP: PRODUCTS OFFERED

TABLE 129 ALPLA GROUP: DEALS

12.1.7 TOYOBO CO., LTD.

TABLE 130 TOYOBO CO., LTD.: COMPANY OVERVIEW

FIGURE 44 TOYOBO CO., LTD.: COMPANY SNAPSHOT

TABLE 131 TOYOBO CO., LTD.: PRODUCTS OFFERED

TABLE 132 TOYOBO CO., LTD.: DEALS**12.1.8 DANONE****TABLE 133 DANONE: COMPANY OVERVIEW****FIGURE 45 DANONE: COMPANY SNAPSHOT****TABLE 134 DANONE: PRODUCTS OFFERED****TABLE 135 DANONE: DEALS****12.1.9 MITSUI & CO.****TABLE 136 MITSUI & CO.: COMPANY OVERVIEW****TABLE 137 MITSUI & CO.: PRODUCTS OFFERED****TABLE 138 MITSUI & CO.: DEALS****12.1.10 EASTMAN****TABLE 139 EASTMAN: COMPANY OVERVIEW****FIGURE 46 EASTMAN: COMPANY SNAPSHOT****TABLE 140 EASTMAN: PRODUCTS OFFERED****TABLE 141 EASTMAN: DEALS**

*Details on Business overview, Products/Solutions/Services offered, Recent Developments, MnM view, Key strengths, Strategic choices, Weaknesses and competitive threats might not be captured in case of unlisted companies.

12.2 OTHER KEY PLAYERS**12.2.1 COCA-COLA****TABLE 142 COCA-COLA: COMPANY OVERVIEW****12.2.2 CARLSBERG GROUP****TABLE 143 CARLSBERG GROUP: COMPANY OVERVIEW****12.2.3 TERPHANE****TABLE 144 TERPHANE: COMPANY OVERVIEW****12.2.4 LVMH****TABLE 145 LVMH: COMPANY OVERVIEW****12.2.5 KVADRAT****TABLE 146 KVADRAT: COMPANY OVERVIEW****13 APPENDIX****13.1 DISCUSSION GUIDE****13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL****13.3 CUSTOMIZATION OPTIONS****13.4 RELATED REPORTS****13.5 AUTHOR DETAILS**

I would like to order

Product name: Polyethylene Furanoate (PEF) Market by Source (Plant Based, Bio Based), Grade, Application (Bottles, Films, Fibers, Molded), End-Use Industry (Packaging, Fiber & Textiles, Electronics & Electrical, Pharmaceuticals), & Region - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/P8EC729B9C8AEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/P8EC729B9C8AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970