

# **Grafted Polyolefins Market Size, Share, and Analysis, By Type (Maleic Anhydride Grafted PE, Maleic Anhydride Grafted PP, Maleic Anhydride Grafted EVA, and Others), By Application (Adhesion Promotion, Impact Modification, Compatibilization, and Bonding), By Vertical (Automotive, Packaging, Textile, and Others), By Region (North America, Europe, Asia-Pacific, and Rest of the World), And Regional Forecast 2024-2034**

<https://marketpublishers.com/r/GC88F33809FDEN.html>

Date: October 2024

Pages: 561

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

ID: GC88F33809FDEN

## **Abstracts**

Grafted Polyolefins Market Size, Share, and Analysis, By Type (Maleic Anhydride Grafted PE, Maleic Anhydride Grafted PP, Maleic Anhydride Grafted EVA, and Others), By Application (Adhesion Promotion, Impact Modification, Compatibilization, and Bonding), By Vertical (Automotive, Packaging, Textile, and Others), By Region (North America, Europe, Asia-Pacific, and Rest of the World), And Regional Forecast 2024-2034

## **PRODUCT OVERVIEW**

Grafted Polyolefins Market is anticipated to exhibit a Compound Annual Growth Rate (CAGR) of 6.3% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 1.7 billion and is projected to reach USD 3.3 billion by the completion of 2034.

Grafted polyolefins refer to a class of polymers that are formed by chemically bonding additional functional groups onto the backbone of a polyolefin. Polyolefins, such as

polyethylene and polypropylene, are widely used due to their affordability and favorable properties. In addition, grafting improves these materials by introducing new functionalities, like better adhesion and compatibility with other substances, while also retaining the benefits of base material. The process involves initiating polymerization on the polyolefin surface, which allows monomers or pre-polymers to attach to the backbone chains. This results in a structure where the grafted chains extend from the polymer surface. Thus, grafted polyolefins serve various applications, including adhesives, along with coatings and compatibilizers in polymer blends to provide tailored solutions to meet performance requirements.

## MARKET HIGHLIGHTS

Grafted polyolefins market is projected to reach USD 3.3 billion over the forecast period, driven by its growing demand across multiple industries. Its applications in adhesives, coatings, and compatibilizers are responsible for driving this expansion, owing to the capacity of grafted polyolefins to improve the properties of material such as adhesion, compatibility, and mechanical strength. Additionally, increasing awareness regarding their benefits in enhancing product performance and sustainability is further encouraging its market adoption. Besides, stringent regulations that favor eco-friendly materials and a growing focus on recycling also positively contribute to the growth trajectory of the grafted polyolefins market. Thus, as industries look for innovative solutions to meet numerous challenges, the grafted polyolefins market will witness sustained growth during the forecasted period.

### Grafted Polyolefins Market Segments:

#### By Type

Maleic Anhydride Grafted PE

Maleic Anhydride Grafted PP

Maleic Anhydride Grafted EVA

Others

#### By Application

Adhesion Promotion

Impact Modification

Compatibilization

Bonding

By Vertical

Automotive

Packaging

Textile

Others

## MARKET DYNAMICS

Growth Drivers

Increasing Demand Across End-Use Industries is Promoting Growth in the Market

Improvements in Technology Will Act as a Catalyst for Market Growth

Restraint

Cost Considerations in the Grafted Polyolefins Market Will Impact its Growth

Key Players

Arkema SA

Dow Inc.

LyondellBasell Industries N.V.

Exxon Mobil Corporation

SABIC (Saudi Basic Industries Corporation)

Mitsui Chemicals, Inc.

Sumitomo Chemical Co., Ltd.

BASF SE

DuPont de Nemours, Inc.

Eastman Chemical Company

Chevron Phillips Chemical Company LLC

Braskem S.A.

Borealis AG

Reliance Industries Limited

INEOS Group AG

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary,

Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

### Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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