

Amorphous Polyalphaolefin (APAO): Technologies and Global Markets

https://marketpublishers.com/r/ACEAE16BA89EN.html

Date: March 2020

Pages: 143

Price: US\$ 2,750.00 (Single User License)

ID: ACEAE16BA89EN

Abstracts

REPORT SCOPE:

The rise in the pandemic—coronavirus—has currently halted the progress and impacting the economies across the world. With the measures taken by the various governments across the world to Lockdown their respective countries, especially the effected cities to contain the spread of the virus. It is estimated that the governments are taking necessary precautions to contain the economic slowdown. So, the report does not consider the impact, as it was not yet controlled and can be defined.

The global APAO market has significant scope due to APAO's wide range of applications and versatility in varied domains such as the automotive, packaging and personal care sectors, among others. This report has been segmented by type, end users, application and geography. The major geographies covered in the report include North America, Europe, Asia-Pacific (APAC) and the Rest of the World (RoW). Furthermore, a country-specific breakdown of the APAO market is also included in the report. Countries were included mainly based on total revenue generated. The major countries included in the report are the U.S., Canada, Germany, the U.K., Spain, Italy, France, China, Japan, Korea and India. Sales data for the global and regional markets was corroborated for the present, and forecast values were determined by statistical analysis.

Moreover, the contributions from global giants such as BASF SE, Eastman Chemical Co., Dow Chemical, DuPont, Evonik Industries AG and Huntsman Corp. to the APAO market will create significant scope in the market. Various strategies such as product launches, research and development (R&D), partnerships, collaborations, mergers and acquisitions, and the emergence of new players will keep the APAO market dynamic.



New technology and hygienic applications with higher strength, versatility and flexibility will boost demand of APAO-based adhesives in automobile, building and construction, packaging and bookbinding.

Estimated values used are based on market players' total revenues; forecast revenue values are in constant U.S. dollars that have not been adjusted for inflation. Annual reports and forward-looking statements of APAO market players, annual sales of market players and the average cost of APAO were considered in the estimates for the market. Many APAO market players as well as manufacturers are profiled in the report for a better understanding of the market.

The report on the APAO market provides a market overview, assesses application markets, provides an end-user analysis and evaluates the APAO market by type, application, end user and geography. The major company profiles include a detailed introduction, product portfolios and recent developments. The report also includes regulatory aspects, current and developing technologies, market projections and market share.

REPORT INCLUDES:

38 data tables and 16 additional tables

An overview of the global markets for amorphous polyalphaolefin (APAO) – an olefin-based thermoplastic polymer -- technologies within the polymer industry

Analyses of the regional and country level market trends, with market sizing data from 2018 and 2019, and projections of compound annual growth rates (CAGRs) for a five-year forecast period through 2024

Discussion of leading factors driving the APAO market growth, current and emerging trends, technology developments, and regulatory aspects that shape and influence the commercial marketplace

Revenue forecast of the global APAO market and breakdown by type of polymers, end-user, application industry, geographical (regional) analysis in dollar value terms

Market share analysis of the leading global APAO tech giants; their key competitive landscape, product portfolios, recent developments, and revenue



sales etc.

An exhaustive patent analysis with data corresponding to patent applications and grants to numerous stakeholders for related technologies and processes

Company profiles of the leading market players including 3M, Ashland, Chevron Philips Chemical, The Dow Chemical Co., Huntsman Corp., and REXtac LLC



Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
Information Sources
Methodology
Geographic Breakdown
Analyst's Credentials
BCC Custom Research
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND

APAO Technology Overview

Raw Material Analysis

Molecular Structure and Properties of APAO

Applications of Polypropylene Homopolymers

Applications of Copolymers

Applications of Ethylene Propylene Rubber

Applications of Terpolymer Ethylene, Propylene and 1-Butene

Market Drivers

Tremendous Demand from the Construction and Automotive Industries

Growing Demand for Lightweight and Low-Emission Automobiles

Rising Demand in Packaging Industries

Rising Demand for Personal-Hygiene Products

Restraints

Regular Fluctuations in the Raw Material Supply

Health-Related Problems with Hot-Melt Wax

Opportunities

Increasing Demand for Disposable Hygiene

Growing Popularity of Hot-Melt Adhesives

APAC Emerging as a Lucrative Region for the Growth of the APAO Market

Mixing APAO with Wax, Resins and Other Additives



CHAPTER 4 MARKET BREAKDOWN BY PRODUCT TYPE

Polypropylene Homopolymers

Copolymers

Propylene and Ethylene Copolymers

Propylene and 1-Butene Copolymers or Other Higher a-Olefin Copolymers

Ethylene, Propylene and 1-Butene Terpolymers

CHAPTER 5 MARKET BREAKDOWN BY METHOD

Spraying

Pumping

Roll Coating

Slot Die Coating

Extrusion

CHAPTER 6 MARKET BREAKDOWN BY APPLICATION

Automotive

Woodworking

Bookbinding

Personal Hygiene

Packaging

Wire and Cable

Building and Construction

Others

CHAPTER 7 MARKET BREAKDOWN BY REGION

North America

U.S.

Canada

Europe

U.K.

France

Germany

Italy

Spain

Rest of Europe



Asia-Pacific

China

India

Japan

South Korea

Australia

Rest of APAC

Middle East and Africa

Latin America

CHAPTER 8 COMPETITIVE LANDSCAPE

Leading Companies

3M

Eastman Chemical Co.

Huntsman Corp.

Illinois Tool Works

The Dow Chemical Co.

Technological Advancements in APAO

Strategic Analysis (Mergers, Acquisitions and Joint Ventures)

Collaboration and Partnerships

Product Launches

Geographic Expansion

CHAPTER 9 COMPANY PROFILES

3M

ADTEK

ARKEMA

ASHLAND

AVERY DENNISON

BOND TECH INDUSTRIES

CHEVRON PHILLIPS CHEMICAL

DELO

THE DOW CHEMICAL CO.

DYMAX CORP.

EASTMAN CHEMICAL CO.

EVANS ADHESIVE CORP. LTD.

EVONIK INDUSTRIES AG



FOREST CHEMICAL GROUP S.A.

FRANKLIN INTERNATIONAL INC.

GITACE ADHESIVES TECHNOLOGY

GLUE MACHINERY CORP.

GREAT EASTERN RESINS INDUSTRIAL CO. LTD.

GUANGDONG ORIENT YIGE NEW MATERIAL CO. LTD.

H.B. FULLER CO.

HENKEL AG & CO. KGAA

HUNTSMAN CORP.

ILLINOIS TOOL WORKS

JOWAT SE

LIAOYANG LIAOHUA QIDA CHEMICALS CO. LTD.

LORD CORP.

MACTAC LLC

MAPEI

NANPAO RESIN

REXTAC LLC

RMP INTERNATIONAL INC.

ROYAL ADHESIVES AND SEALANTS

SIKA GROUP

SUN CROWN ADHESIVES

TEXYEAR INDUSTRIAL ADHESIVES PVT. LTD.

UNISEAL

WACKER CHEMIE AG

WANG CHEONG ADHESIVES

WISDOM ADHESIVES



List Of Tables

LIST OF TABLES

Summary Table: Global Market for Amorphous Polyalphaolefins, by Product Type,

Through 2024

Table 1: Product Profile of APAOs with Price, 2018

Table 2: Characteristics of APAO vs. EVA

Table 3: Characteristics of APAO vs. Polyamide

Table 4: Characteristics of APAO vs. Water-Based Adhesive

Table 5: Glass Transition Temperature of Some Polymers

Table 6: Advantages and Disadvantages of ABS

Table 7: Diaper Needs Fact Sheet in the U.S., 2018

Table 8: Tax Rates on Tampons, by Country, 2018

Table 9: Global Market for APAO, by Product Type, Through 2024

Table 10: Overview of Some of the Top Companies Providing APAO Homopolymers

Table 11: Global Market for Homopolymers, by Region, Through 2024

Table 12: Global Market for Copolymers, by Region, Through 2024

Table 13: Overview of Top Companies Providing APAO Copolymers

Table 14: Applications of Eastoflex E1045PL Amorphous Polyolefin, a Copolymer of

Propylene and Ethylene

Table 15: Applications of Eastoflex M1058 Amorphous Polyolefin, a Copolymer of

Propylene and Ethylene

Table 16: Global Market for Terpolymers, by Region, Through 2024

Table 17: Global Market for APAO, by Method, Through 2024

Table 18: Prices of Different Models of Spray Guns Available in the Market

Table 19: Global Market for Spraying, by Region, Through 2024

Table 20: Global Market for Pumping, by Region, Through 2024

Table 21: Global Market for Roll Coating, by Region, Through 2024

Table 22: Global Market for Slot Die Coating, by Region, Through 2024

Table 23: Global Market for Extrusion, by Region, Through 2024

Table 24: Global Market for APAO, by Application, Through 2024

Table 25: Global Market for APAO in the Automotive Industry, by Region, Through 2024

Table 26: Global Market for APAO in Woodworking, by Region, Through 2024

Table 27: Global Market for APAO in Bookbinding, by Region, Through 2024

Table 28: Global Market for APAO in Personal Hygiene Products, by Region, Through 2024

Table 29: Global Market for APAO in Packaging, by Region, Through 2024

Table 30: Global Market for APAO in Wire and Cable, by Region, Through 2024



- Table 31: REXtus Adhesives for the Building and Construction Industry
- Table 32: Global Market for APAO in Building and Construction, by Region, Through 2024
- Table 33: Global Market for APAO in Other Applications, by Region, Through 2024
- Table 34: North American Vehicle Production, 2017-2018
- Table 35: North American Market for APAO, by Country, Through 2024
- Table 36: North American Market for APAO, by Product Type, Through 2024
- Table 37: North American Market for APAO, by Method, Through 2024
- Table 38: North American Market for APAO, by Application, Through 2024
- Table 39: European Market for APAO, by Country, Through 2024
- Table 40: European Market for APAO, by Product Type, Through 2024
- Table 41: European Market for APAO, by Method, Through 2024
- Table 42: European Market for APAO, by Application, Through 2024
- Table 43: Tampon VAT in other European Countries, 2018
- Table 44: Asia-Pacific Market for APAO, by Country, Through 2024
- Table 45: Asia-Pacific Market for APAO, by Product Type, Through 2024
- Table 46: Asia-Pacific Market for APAO, by Method, Through 2024
- Table 47: Asia-Pacific Market for APAO, by Application, Through 2024
- Table 48: MEA Market for APAO, by Product Type, Through 2024
- Table 49: MEA Market for APAO, by Method, Through 2024
- Table 50: MEA Market for APAO, by Application, Through 2024
- Table 51: Latin American Market for APAO, by Product Type, Through 2024
- Table 52: Latin American Market for APAO, by Method, Through 2024
- Table 53: Latin American Market for APAO, by Application, Through 2024



List Of Figures

LIST OF FIGURES

Summary Figure: Global Market for Amorphous Polyalphaolefins, by Product Type,

2018-2024

Figure 1: Production Process of Vestoplast*

Figure 2: Molecular Structure of APAO

Figure 3: Other Properties of APAO

Figure 4: Global Vehicle Sales, 2013-2018

Figure 5: Sources of Propylene for APAO Production

Figure 6: Global Propylene Production Share, by Feedstock, 2016

Figure 7: Global Propylene Production, by Region, 2016

Figure 8: Tax Levied on Tampons, by Selected Countries, 2016

Figure 9: Advantages of Hot-Melt Wax

Figure 10: Types of Spraying

Figure 11: Features of Select Pumps for Dispersing Adhesives

Figure 12: Techniques to Control Coating Thickness in Roll Coating Methods

Figure 13: Parts of an Extruder

Figure 14: Henkel APAO Hot-Melt Products for the Automotive Industry

Figure 15: REXtac Products for the Automotive Industry

Figure 16: APAO-Based Adhesives for Personal Hygiene Products from GitAce

Figure 17: Stages of the Packaging Process Throughout a Facility

Figure 18: Motor Vehicle Production in the U.S., 2013-2018

Figure 19: Motor Vehicle Production in Canada, 2013–2018

Figure 20: Motor Vehicle Production in Europe, 2014–2018

Figure 21: Motor Vehicle Production in the U.K., 2014–2018

Figure 22: Distribution of the Population by Age Group in the U.K., 2017

Figure 23: Motor Vehicle Production in France, 2014-2017

Figure 24: Distribution of the Population by Age Group in France, 2018

Figure 25: Motor Vehicle Production in Germany, 2014-2018

Figure 26: Distribution of the Population by Age Group in Germany, 2018

Figure 27: Motor Vehicle Production in Italy, 2014–2018

Figure 28: Distribution of the Population by Age Group in Italy, 2018

Figure 29: Motor Vehicle Production in Spain, 2014–2018

Figure 30: Distribution of the Population by Age Group in Spain, 2018

Figure 31: Motor Vehicle Production in Rest of Europe, 2014-2018

Figure 32: Asia-Pacific Motor Vehicle Production, 2015-2018

Figure 33: Leading APAO-Based Adhesive Suppliers in China



Figure 34: Motor Vehicle Production in China, 2015-2018



I would like to order

Product name: Amorphous Polyalphaolefin (APAO): Technologies and Global Markets

Product link: https://marketpublishers.com/r/ACEAE16BA89EN.html

Price: US\$ 2,750.00 (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/ACEAE16BA89EN.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	
	Custumer 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