

## **Impact Modifier Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 130 pages | Mordor Intelligence

### **AVAILABLE LICENSES:**

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

### **Report description:**

The impact modifier market was valued at USD 3651 million in 2021, and it is expected to register a CAGR of more than 6.25% globally during the forecast period (2022-2027).

The impact of the COVID-19 pandemic was negative as the major end-user industries of the market were shut, such as construction and automotive. However, the market has now reached pre-pandemic levels and is expected to grow steadily during the forecast period.

#### Key Highlights

The growing demand from the PVC segment and packaging industry has been driving the market growth.

The technological advancements in impact modifiers for rubber and sustainable bioplastic packaging are expected to provide opportunities for the impact modifier market over the next five years.

Asia-Pacific dominated the market across the world, with the largest consumption in countries such as China and India.

#### Impact Modifier Market Trends

##### Polyvinyl Chloride (PVC) Segment to Dominate the Market

The PVC segment stands to be the dominating segment, owing to its widespread consumption in various end-user industries, such as consumer goods, packaging, automotive, and construction.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scott's-international.com](mailto:support@scott's-international.com)

[www.scott's-international.com](http://www.scott's-international.com)

The impact modifier is used as additives in these polymer resins to enhance toughness and flexibility to meet the physical properties of rigid components. It also increases the durability and impact resistance of molded and extruded plastics, especially those subject to impact forces or cold weather service.

The application of impact modifiers comes with several beneficial characteristics, such as superior weatherability, flammability, processability, and optical and tensile properties.

The growth of the segment is mainly attributed to its easy availability and low cost, as well as the increasing applicability of PVC among varied end-user industries, such as packaging, construction, automotive, and consumer goods.

Based on the aforementioned factors, the polyvinyl chloride (PVC) segment is expected to dominate the market.

## Asia-Pacific Region to Dominate the Market

The Asia-Pacific region stands to be the largest and fastest-growing market on account of the increasing demand for polymer products in various end-user industries in major economies such as China, India, and Japan.

The impact modifier is widely used in packaging applications, owing to its ability to offer an ideal balance between crease-whitening resistance and clarity for packaging applications. A fast increment in the use of plastic packaging in different end-use enterprises is expected to drive the demand for impact modifiers.

Increasing demand for pharmaceutical and food and beverage packaging is bolstering the growth of the packaging industry, which, in turn, is supporting the growth of the market. Countries like China, India, Japan, Indonesia, and Vietnam possess established pharmaceutical and food packaging industries in the region.

Plastics are used to manufacture interior and exterior parts of automobiles, such as door panels, instrument panels, consoles, pillars, door panel skin, window seals, and body side cladding. Growing awareness regarding energy efficiency, lightweight, and popularity of electric vehicles is anticipated to boost the market growth.

Asia is the largest producer and consumer of plastics across the world. Moreover, the region manufactures approximately 50% of the world's automotive, with established manufacturing facilities in China, Japan, India, South Korea, and Thailand.

Simple and easy accessibility of plastic is probably going to add to the development of the section. In addition, expanding uses of plastic items in different enterprises are foreseen to support the market growth for impact modifiers.

Hence, based on such market trends, the Asia-Pacific region is expected to dominate the market.

## Impact Modifier Market Competitor Analysis

The impact modifier market is fragmented in nature, with a few major players dominating a significant portion of the market. Some of the major companies (in no particular order) are Mitsubishi Chemical Corporation, Akdeniz Kimya, Arkema Group, Addivant, and Dow.

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

### **Table of Contents:**

1 INTRODUCTION

1.1 Study Assumptions

1.2 Scope of the Study

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

## 2 RESEARCH METHODOLOGY

## 3 EXECUTIVE SUMMARY

## 4 MARKET DYNAMICS

### 4.1 Drivers

#### 4.1.1 Growing Packaging Industry

#### 4.1.2 Increasing Demand from the PVC Segment

### 4.2 Restraints

#### 4.2.1 Other Restraints

### 4.3 Industry Value Chain Analysis

### 4.4 Porter's Five Forces Analysis

#### 4.4.1 Bargaining Power of Suppliers

#### 4.4.2 Bargaining Power of Buyers

#### 4.4.3 Threat of New Entrants

#### 4.4.4 Threat of Substitute Products

#### 4.4.5 Degree of Competition

## 5 MARKET SEGMENTATION

### 5.1 Type

#### 5.1.1 Acrylonitrile Butadiene Styrene (ABS)

#### 5.1.2 Acrylic Impact Modifiers (AIM)

#### 5.1.3 Acrylonitrile Styrene Acrylate (ASA)

#### 5.1.4 Methacrylate-Butadiene- Styrene (MBS)

#### 5.1.5 Ethylene Propylene Diene Monomer (EPDM)

#### 5.1.6 Chlorinated Polyethylene (CPE)

#### 5.1.7 Other Types

### 5.2 Application

#### 5.2.1 Polyvinyl Chloride (PVC)

#### 5.2.2 Nylon

#### 5.2.3 Polybutylene Terephthalate (PBT)

#### 5.2.4 Engineering Plastics

#### 5.2.5 Other Applications

### 5.3 End-user Industry

#### 5.3.1 Packaging

#### 5.3.2 Construction

#### 5.3.3 Automotive

#### 5.3.4 Consumer Goods

#### 5.3.5 Other End-user Industries

### 5.4 Geography

#### 5.4.1 Asia-Pacific

##### 5.4.1.1 China

##### 5.4.1.2 India

##### 5.4.1.3 Japan

##### 5.4.1.4 South Korea

##### 5.4.1.5 Rest of Asia-Pacific

#### 5.4.2 North America

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.4.2.1 United States
- 5.4.2.2 Canada
- 5.4.2.3 Mexico
- 5.4.3 Europe
  - 5.4.3.1 Germany
  - 5.4.3.2 United Kingdom
  - 5.4.3.3 France
  - 5.4.3.4 Italy
  - 5.4.3.5 Rest of Europe
- 5.4.4 South America
  - 5.4.4.1 Brazil
  - 5.4.4.2 Argentina
  - 5.4.4.3 Rest of South America
- 5.4.5 Middle East & Africa
  - 5.4.5.1 Saudi Arabia
  - 5.4.5.2 South Africa
  - 5.4.5.3 Rest of Middle East & Africa

## 6 COMPETITIVE LANDSCAPE

- 6.1 Mergers and Acquisitions, Joint Ventures, Collaborations, and Agreements
- 6.2 Market Share (%)\*\*/Ranking Analysis
- 6.3 Strategies Adopted by Leading Players
- 6.4 Company Profiles
  - 6.4.1 Addivant
  - 6.4.2 Akdeniz Kimya
  - 6.4.3 Arkema Group
  - 6.4.4 Evonik Industries AG
  - 6.4.5 Kaneka Americas Holding Inc.
  - 6.4.6 Mitsubishi Chemical Corporation
  - 6.4.7 Plastics Color Corporation
  - 6.4.8 Shandong Ruifeng Chemical Co. Ltd
  - 6.4.9 Dow
  - 6.4.10 Clariant

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

- 7.1 Technological Advancements in Applications of Impact Modifier in Rubber and Sustainable Biopackaging

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Impact Modifier Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 130 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-02"/>
		Signature	

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

