

# Antimicrobial plastics - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global Antimicrobial plastics Market is accounted for \$28.12 billion in 2017 and is expected to reach \$65.25 billion by 2026 growing at a CAGR of 9.8% during the forecast period. Factors such as the growing application in medical and packaging industries, rising customer awareness about health-related diseases and infections are driving the market growth. However, price volatility and strict government regulations are restricting the market growth. In addition, development of textile industry will provide ample opportunities for the market growth.

Antimicrobial plastics are built to inhibit the growth of pathogenic microorganisms like bacteria, algae, and fungi. The antimicrobial plastic is also known as polymeric biocides which have certain antimicrobial agents and additives like organic-metallic biocides and arseni-based oxybisphenox arsine (OBPA) are infused. Such plastics comprise antimicrobial polymers which augment its durability, transparency and hardness. Typically, antimicrobial polymers are produced by attaching or docking an active antimicrobial agent to a polymer backbone via an alkyl or acetyl linker. While antimicrobial polymers can enhance the productivity and selectivity of currently used antimicrobial agents, antimicrobial polymers reduce environmental hazards, since they are generally non-volatile and chemically stable.

Based on Application, medical and healthcare segment has acquired significant market growth during the forecast period. Rising income levels, increasing expenditure on health and improving lifestyles is driving the demand from the medical and healthcare application. Antimicrobial plastics offer various advantages in the medical and healthcare industry such as cleanliness, sterility, convenience, ease of use, and low cost. Based on geography, Asia Pacific is anticipated to be the largest market share during the forecast period due to the increasing population, growing antimicrobial plastic

consumption and rapid urbanization.

Some of the key players profiled in the Antimicrobial plastics Market include Bayer Material Science AG, Lonza Group AG, Sanitized AG, BASF SE, Dowdupont , Polyone Corporation, King Plastic Corporation, Milliken Chemical, Biocote, PARX Plastics N.V. , Clariant AG, Microban International Ltd., RTP Company, Porex Technologies and Americhem Inc.

#### Types Covered:

Engineering Plastics

Commodity Plastics

High Performance Plastics

#### Additives Covered:

Organic

Inorganic

Other Additives

#### Applications Covered:

Automotive

Medical and Healthcare

Building & Construction

Packaging

Consumer Goods

Electrical & Electronics

Food & Beverage

Textiles

Personal Care

Sportswear

Waste bins

Appliance parts

Plastic products

Other Applications

End Users Covered:

Commercial

Residential

Industrial

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

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Company profiling with detailed strategies, financials, and recent developments

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SWOT Analysis of key players (up to 3)

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Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

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