

# Antimicrobial Plastics Market by Additive (Inorganic, Organic), Type (Commodity Plastics, Engineering Plastics, High Performance Plastics), Application (Packaging, Automotive, Medical & Healthcare, Consumer Goods), & Region - Global Forecast to 2028

<https://marketpublishers.com/r/A92F107C73AEN.html>

Date: April 2023

Pages: 273

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

ID: A92F107C73AEN

## Abstracts

In terms of value, the antimicrobial plastics market is estimated to grow from USD 41.7 billion in 2022 to USD 64.8 billion by 2028, at a CAGR of 7.7%. The growth of the healthcare, automotive and building & construction industries is also driving the demand for antimicrobial plastics. Healthcare will be essential to the economic recovery because it has never been more crucial to the world economy than it has been over the last two years due to the global pandemic. People across the global have become more aware regarding their health and safety to avoid the spread of infections. All these factors are boosting the demand for antimicrobial plastics especially in medical & healthcare application.

“Inorganic additive is expected to be the largest additive of the antimicrobial plastics market.”

Inorganic additive is classified as silver, copper and zinc. Inorganic additive are non-volatile in nature, have high thermal stability and are used in various application which fuels their market demand. Silver is the commonly used inorganic additive as they are non-toxic, environment friendly, sustainable and has outstanding safety.

“Engineering Plastics is expected to be the second fastest-growing type of the antimicrobial plastics market, in terms of value, during the forecast period.”

Engineering plastics are renowned for their excellent mechanical strength, great

dimensional stability, and heat and chemical resistance. ABS, PC, PA, POM and Others (fluoropolymers) are the types of engineering plastics considered in the report. These engineering plastics consist of individually unique properties, which makes them the top quality choice in different applications such as automotive, consumer goods, electrical & electronics, construction, and packaging. In many applications, engineering plastics are utilised largely to replace conventional materials like metal and wood.

“Packaging is expected to be the second fastest-growing type of the antimicrobial plastics market, in terms of value, during the forecast period.”

With the changing lifestyle and preference for home delivery the demand for safe and hygiene packaging is increasing in food & beverage industry. To preserve and safeguard goods and ensure that they are delivered safely, airtight plastic packaging is a necessary component of modern life..The expansion of new markets, changes in substrate preferences, and shifting ownership dynamics have all contributed to the constant growth of the global packaging industry over the past 10 years. The increasing demand for personal care products especially in young population is also driving the demand for antimicrobial plastic in personal care products packaging.

“Asia Pacific is projected to be the fastest growing region, in terms of value, during the forecast period in the antimicrobial plastics market.”

Asia Pacific is known for its low cost of labor, easy availability of raw materials, increase in adoption of modern technologies, innovations, and easy availability of inexpensive lands, which makes it the global hub for manufacturing. The increasing production and demand for passenger vehicle especially from India and China makes Asia Pacific an attractive region for automotive manufacturers. Increase in the production of automotive is due to the presence of key automotive players such as Honda, Toyota, Hyundai, and Nissan. BMW and Volkswagen manufacturers have also expanded their business in this region. These factors are anticipated to fuel the growth of the antimicrobial plastics market in the region.

By Company Type: Tier 1 - 69%, Tier 2 - 23%, and Tier 3 - 8%

By Designation: C-Level - 23%, Director Level - 37%, and Others - 40%

By Region: North America - 32%, Europe - 21%, Asia Pacific - 28%, South America and Middle East & Africa - 12%, South America – 7%

The key players profiled in the report include DuPont De Nemours, Inc. (US), BASF SE (Germany), Microban International (US), Sanitized AG (Germany), Biocote Limited (UK), Avient Corporation (US), and King Plastic Corporation (US).

## Research Coverage

This report segments the market for antimicrobial plastics based on additive, type, application, and region and provides estimations of volume (kiloton) and value (USD million) for the overall market size across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, services, key strategies, associated with the market for antimicrobial plastics.

## Reasons to Buy this Report

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

The report provides insights on the following pointers:

**Market Penetration:** Comprehensive information on antimicrobial plastics offered by top players in the global market

**Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the antimicrobial plastics market

**Market Development:** Comprehensive information about lucrative emerging markets — the report analyzes the markets for antimicrobial plastics across regions

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

**Competitive Assessment:** In-depth assessment of market shares, strategies,

products, and manufacturing capabilities of leading players in the antimicrobial plastics market

## Contents

### 1 INTRODUCTION

#### 1.1 STUDY OBJECTIVES

#### 1.2 MARKET DEFINITION

#### 1.3 INCLUSIONS AND EXCLUSIONS

##### 1.3.1 ANTIMICROBIAL PLASTICS MARKET DEFINITION AND INCLUSIONS, BY ADDITIVE

##### 1.3.2 ANTIMICROBIAL PLASTICS: MARKET DEFINITION & INCLUSIONS, BY TYPE

##### 1.3.3 ANTIMICROBIAL PLASTICS MARKET DEFINITION AND INCLUSIONS, BY APPLICATION

#### 1.4 STUDY SCOPE

##### 1.4.1 ANTIMICROBIAL PLASTICS MARKET SEGMENTATION

##### 1.4.2 REGIONS COVERED

##### 1.4.3 YEARS CONSIDERED

#### 1.5 CURRENCY CONSIDERED

#### 1.6 UNITS CONSIDERED

#### 1.7 STAKEHOLDERS

#### 1.8 SUMMARY OF CHANGES

##### 1.8.1 IMPACT OF RECESSION

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

##### FIGURE 1 RESEARCH DESIGN

##### 2.1.1 SECONDARY DATA

##### 2.1.2 PRIMARY DATA

##### 2.1.2.1 Primary interviews - Demand and supply sides

##### 2.1.2.2 Key industry insights

##### 2.1.2.3 Breakdown of primary interviews

#### 2.2 MARKET SIZE ESTIMATION

##### 2.2.1 BOTTOM-UP APPROACH

##### FIGURE 2 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1, BOTTOM-UP (SUPPLY SIDE), COLLECTIVE SHARE OF TOP PLAYERS

##### FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 2 (DEMAND SIDE)

##### 2.2.2 TOP-DOWN APPROACH

##### FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 3 (TOP-

DOWN)

2.3 DATA TRIANGULATION

FIGURE 5 DATA TRIANGULATION

2.4 GROWTH FORECAST

2.4.1 SUPPLY SIDE

FIGURE 6 SUPPLY SIDE MARKET CAGR PROJECTIONS

2.4.2 DEMAND SIDE

FIGURE 7 DEMAND SIDE MARKET GROWTH: DRIVERS AND OPPORTUNITIES

2.4.3 IMPACT OF RECESSION

2.5 FACTOR ANALYSIS

2.6 RESEARCH ASSUMPTIONS

2.7 RESEARCH LIMITATIONS

2.8 RISK ASSESSMENT

### **3 EXECUTIVE SUMMARY**

FIGURE 8 COMMODITY PLASTICS SEGMENT ACCOUNTED FOR LARGEST SHARE IN 2022

FIGURE 9 MEDICAL & HEALTHCARE PROJECTED TO BE FASTEST-GROWING APPLICATION DURING FORECAST PERIOD

FIGURE 10 ASIA PACIFIC ACCOUNTED FOR LARGEST MARKET SHARE IN 2022

### **4 PREMIUM INSIGHTS**

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN ANTIMICROBIAL PLASTICS MARKET

FIGURE 11 MEDICAL & HEALTHCARE APPLICATION TO DRIVE MARKET DURING FORECAST PERIOD

4.2 ANTIMICROBIAL PLASTICS MARKET SIZE, BY REGION

FIGURE 12 ASIA PACIFIC PROJECTED TO BE FASTEST-GROWING MARKET DURING FORECAST PERIOD

4.3 ASIA PACIFIC ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION AND COUNTRY, 2022

FIGURE 13 COMMODITY PLASTICS SEGMENT AND CHINA ACCOUNTED FOR LARGEST SHARES IN 2022

4.4 ANTIMICROBIAL PLASTICS MARKET SIZE, APPLICATION VS. REGION, 2022

FIGURE 14 MEDICAL & HEALTHCARE APPLICATION DOMINATED MARKET ACROSS REGIONS

4.5 ANTIMICROBIAL PLASTICS MARKET, BY MAJOR COUNTRIES

FIGURE 15 MARKET IN INDIA TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

## 5 MARKET OVERVIEW

### 5.1 INTRODUCTION

### 5.2 MARKET DYNAMICS

FIGURE 16 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN ANTIMICROBIAL PLASTICS MARKET

#### 5.2.1 DRIVERS

5.2.1.1 Growing awareness pertaining to antimicrobial plastics

5.2.1.2 Expansion of various end-use industries

#### 5.2.2 RESTRAINTS

5.2.2.1 Volatility in raw material prices

TABLE 1 NATURAL GAS AND OIL PRICES (USD PER BARREL)

5.2.2.2 Stringent rules and regulations on usage of plastics in certain applications

#### 5.2.3 OPPORTUNITIES

5.2.3.1 Growth of textile industry

TABLE 2 TEXTILE INDUSTRY, BY COUNTRY/REGION, 2018–2025 (USD BILLION)

#### 5.2.4 CHALLENGES

5.2.4.1 Disposal of plastics

### 5.3 PORTER'S FIVE FORCES ANALYSIS

FIGURE 17 PORTER'S FIVE FORCES ANALYSIS

#### 5.3.1 THREAT OF SUBSTITUTES

#### 5.3.2 THREAT OF NEW ENTRANTS

#### 5.3.3 BARGAINING POWER OF SUPPLIERS

#### 5.3.4 BARGAINING POWER OF BUYERS

#### 5.3.5 INTENSITY OF COMPETITIVE RIVALRY

TABLE 3 PORTER'S FIVE FORCES ANALYSIS

### 5.4 MACROECONOMIC INDICATORS

#### 5.4.1 GDP TRENDS AND FORECAST FOR MAJOR ECONOMIES

TABLE 4 GDP TRENDS AND FORECAST, BY MAJOR ECONOMIES, 2020–2027 (USD BILLION)

## 6 INDUSTRY TRENDS

### 6.1 SUPPLY CHAIN ANALYSIS

FIGURE 18 ANTIMICROBIAL PLASTICS MARKET SUPPLY CHAIN

#### 6.1.1 RAW MATERIAL SUPPLIER

- 6.1.2 MANUFACTURER
- 6.1.3 DISTRIBUTION TO END USERS
- 6.2 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES
  - 6.2.1 REVENUE SHIFT & REVENUE POCKETS OF ANTIMICROBIAL PLASTICS MARKET
  - FIGURE 19 FUTURE REVENUE MIX
- 6.3 CONNECTED MARKETS: ECOSYSTEM
  - FIGURE 20 ANTIMICROBIAL PLASTICS MARKET ECOSYSTEM
  - TABLE 5 ANTIMICROBIAL PLASTICS MARKET ECOSYSTEM
- 6.4 KEY STAKEHOLDERS AND BUYING CRITERIA
  - 6.4.1 KEY STAKEHOLDERS IN BUYING PROCESS
    - FIGURE 21 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP THREE APPLICATIONS
    - TABLE 6 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP THREE APPLICATIONS (%)
  - 6.4.2 BUYING CRITERIA
    - FIGURE 22 KEY BUYING CRITERIA FOR TOP THREE APPLICATIONS
    - TABLE 7 KEY BUYING CRITERIA FOR TOP THREE APPLICATIONS
- 6.5 PRICING ANALYSIS
  - 6.5.1 AVERAGE SELLING PRICE OF KEY PLAYERS, BY APPLICATION
    - FIGURE 23 AVERAGE SELLING PRICES OF KEY PLAYERS FOR TOP THREE APPLICATIONS
    - TABLE 8 AVERAGE SELLING PRICES OF KEY PLAYERS FOR TOP THREE APPLICATIONS (USD/KG)
  - 6.5.2 AVERAGE SELLING PRICE, BY REGION
    - FIGURE 24 AVERAGE SELLING PRICES OF ANTIMICROBIAL PLASTICS, BY REGION, 2021–2028
    - TABLE 9 AVERAGE SELLING PRICES OF ANTIMICROBIAL PLASTICS, BY REGION, 2021–2028 (USD/KG)
- 6.6 TECHNOLOGY ANALYSIS
  - 6.6.1 SILVER ADDITIVES
  - 6.6.2 COPPER ADDITIVES
  - 6.6.3 ZINC ADDITIVES
- 6.7 CASE STUDIES
  - 6.7.1 AVIENT CORPORATION SAVED 30% COST ANNUALLY FOR PRIVATE LABEL TOOTHBRUSH AND DENTAL CARE PRODUCT MANUFACTURER
  - 6.7.2 CASE STUDY ON ANTIMICROBIAL SMARTPHONE ACCESSORIES
- 6.8 TRADE DATA STATISTICS
  - 6.8.1 IMPORT SCENARIO OF ANTIMICROBIAL PLASTICS



FIGURE 25 IMPORTS OF ANTIMICROBIAL PLASTICS, BY KEY COUNTRIES  
(2013–2021)

TABLE 10 IMPORTS OF ANTIMICROBIAL PLASTICS, BY REGION, 2013–2021 (USD  
MILLION)

6.8.2 EXPORT SCENARIO OF ANTIMICROBIAL PLASTICS

FIGURE 26 EXPORTS OF ANTIMICROBIAL PLASTICS, BY KEY COUNTRIES  
(2013–2021)

TABLE 11 EXPORTS OF ANTIMICROBIAL PLASTICS, BY REGION, 2013–2021  
(MILLION)

6.9 TARIFF AND REGULATORY FRAMEWORK

6.9.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER  
ORGANIZATIONS

6.9.2 REGULATIONS RELATED TO ANTIMICROBIAL PLASTICS

6.10 KEY CONFERENCES & EVENTS IN 2023

TABLE 12 DETAILED LIST OF CONFERENCES & EVENTS

6.11 PATENT ANALYSIS

6.11.1 APPROACH

6.11.2 DOCUMENT TYPE

TABLE 13 PATENT APPLICATIONS ARE 51% OF TOTAL COUNT

FIGURE 27 PATENTS REGISTERED IN ANTIMICROBIAL PLASTICS MARKET,  
2012–2022

FIGURE 28 PATENT PUBLICATION TRENDS, 2012–2022

FIGURE 29 LEGAL STATUS OF PATENTS FILED IN ANTIMICROBIAL PLASTICS  
MARKET

6.11.3 JURISDICTION ANALYSIS

FIGURE 30 MAXIMUM PATENTS FILED IN US JURISDICTION

6.11.4 TOP APPLICANTS

FIGURE 31 M.S. TECHNOLOGIES, L.L.C. REGISTERED MAXIMUM NUMBER OF  
PATENTS BETWEEN 2012 AND 2022

TABLE 14 LIST OF PATENTS BY ECOLAB, INC.

TABLE 15 LIST OF PATENTS BY BASF SE

TABLE 16 TOP 10 PATENT OWNERS IN US, 2012–2022

## **7 ANTIMICROBIAL PLASTICS MARKET, BY ADDITIVE**

7.1 INTRODUCTION

7.2 INORGANIC

7.2.1 SILVER

7.2.2 ZINC

### 7.2.3 COPPER

## 7.3 ORGANIC

### 7.3.1 OXYBISPHENOXARSINE (OBPA)

### 7.3.2 TRICLOSAN

## 8 ANTIMICROBIAL PLASTICS MARKET, BY TYPE

### 8.1 INTRODUCTION

FIGURE 32 COMMODITY PLASTICS SEGMENT TO DOMINATE ANTIMICROBIAL PLASTICS MARKET DURING FORECAST PERIOD

TABLE 17 ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 18 ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 19 ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 20 ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

### 8.2 COMMODITY PLASTICS

8.2.1 WIDESPREAD APPLICATIONS, EASY AVAILABILITY, AND LOW COST TO DRIVE MARKET DEMAND

TABLE 21 COMMODITY PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 22 COMMODITY PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 23 COMMODITY PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 24 COMMODITY PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

#### 8.2.2 POLYETHYLENE (PE)

8.2.2.1 Growing building & construction sector in Asia Pacific to drive demand

TABLE 25 PE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 26 PE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 27 PE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 28 PE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

#### 8.2.3 POLYPROPYLENE (PP)

8.2.3.1 Growing use in packaging and automotive sector to fuel market demand

TABLE 29 PP: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021  
(KILOTON)

TABLE 30 PP: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028  
(KILOTON)

TABLE 31 PP: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD  
MILLION)

TABLE 32 PP: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD  
MILLION)

#### 8.2.4 POLYSTYRENE (PS)

8.2.4.1 Growing consumer goods sector to boost market

TABLE 33 PS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021  
(KILOTON)

TABLE 34 PS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028  
(KILOTON)

TABLE 35 PS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD  
MILLION)

TABLE 36 PS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD  
MILLION)

#### 8.2.5 POLYVINYL CHLORIDE (PVC)

8.2.5.1 Excellent electrical insulation property to increase demand for PVC

TABLE 37 PVC: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021  
(KILOTON)

TABLE 38 PVC: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028  
(KILOTON)

TABLE 39 PVC: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021  
(USD MILLION)

TABLE 40 PVC: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028  
(USD MILLION)

#### 8.2.6 POLYMETHYL-METHACRYLATE (PMMA)

8.2.6.1 Electronics, automotive, and construction industries support PMMA market

TABLE 41 PMMA: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021  
(KILOTON)

TABLE 42 PMMA: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028  
(KILOTON)

TABLE 43 PMMA: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021  
(USD MILLION)

TABLE 44 PMMA: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028  
(USD MILLION)

#### 8.2.7 POLYETHYLENE TEREPHTHALATE (PET)

#### 8.2.7.1 Expanding manufacturing sector in Asia Pacific to drive demand

TABLE 45 PET: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 46 PET: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 47 PET: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 48 PET: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

#### 8.2.8 POLYURETHANE (PUR)

##### 8.2.8.1 Growing demand for automotive and construction to boost market

TABLE 49 PUR: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 50 PUR: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 51 PUR: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 52 PUR: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

#### 8.3 ENGINEERING PLASTICS

##### 8.3.1 DEMAND FOR LIGHTER, FLEXIBLE, AND DURABLE MATERIALS TO DRIVE MARKET

TABLE 53 ENGINEERING PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 54 ENGINEERING PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 55 ENGINEERING PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 56 ENGINEERING PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

##### 8.3.2 ACRYLONITRILE BUTADIENE STYRENE (ABS)

###### 8.3.2.1 Technological advancements in electronics industry to drive market

TABLE 57 ABS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 58 ABS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 59 ABS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 60 ABS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028

(USD MILLION)

### 8.3.3 POLYCARBONATE (PC)

8.3.3.1 Favorable characteristics of PC to fuel market demand

TABLE 61 PC: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021

(KILOTON)

TABLE 62 PC: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028

(KILOTON)

TABLE 63 PC: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 64 PC: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

### 8.3.4 POLYAMIDE (PA)

8.3.4.1 Good mechanical capacity, strength, toughness, and other properties to drive market

TABLE 65 PA: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021

(KILOTON)

TABLE 66 PA: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028

(KILOTON)

TABLE 67 PA: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 68 PA: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

### 8.3.5 POLYOXYMETHYLENE (POM)

8.3.5.1 Superior properties to increase usage in various industries

TABLE 69 POM: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021

(KILOTON)

TABLE 70 POM: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028

(KILOTON)

TABLE 71 POM: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 72 POM: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

### 8.3.6 OTHER ENGINEERING PLASTICS

TABLE 73 OTHER ENGINEERING PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 74 OTHER ENGINEERING PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 75 OTHER ENGINEERING PLASTICS: ANTIMICROBIAL PLASTICS MARKET SIZE, BY REGION, 2017–2021 (USD MILLION)

TABLE 76 OTHER ENGINEERING PLASTICS: ANTIMICROBIAL PLASTICS MARKET SIZE, BY REGION, 2022–2028 (USD MILLION)

#### 8.4 HIGH PERFORMANCE PLASTICS

8.4.1 MEDICAL & HEALTHCARE AND AUTOMOTIVE APPLICATIONS TO LEAD TO MARKET GROWTH

TABLE 77 HIGH PERFORMANCE PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 78 HIGH PERFORMANCE PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 79 HIGH PERFORMANCE PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 80 HIGH PERFORMANCE PLASTICS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

## 9 ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION

### 9.1 INTRODUCTION

FIGURE 33 MEDICAL & HEALTHCARE SEGMENT PROJECTED TO BE LARGEST APPLICATION OF ANTIMICROBIAL PLASTICS DURING FORECAST PERIOD

TABLE 81 ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (KILOTON)

TABLE 82 ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (KILOTON)

TABLE 83 ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (USD MILLION)

TABLE 84 ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

### 9.2 PACKAGING

9.2.1 GROWING AWARENESS ABOUT HEALTH AND HYGIENE TO DRIVE MARKET

TABLE 85 PACKAGING: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 86 PACKAGING: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 87 PACKAGING: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 88 PACKAGING: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

### 9.3 AUTOMOTIVE

### 9.3.1 EXPECTED RISE IN AUTOMOTIVE PRODUCTION IN ASIA PACIFIC TO FUEL DEMAND

TABLE 89 AUTOMOTIVE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 90 AUTOMOTIVE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 91 AUTOMOTIVE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 92 AUTOMOTIVE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

## 9.4 CONSUMER GOODS

### 9.4.1 GROWING POPULATION AND RAPID URBANIZATION TO DRIVE MARKET

TABLE 93 CONSUMER GOODS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 94 CONSUMER GOODS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 95 CONSUMER GOODS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 96 CONSUMER GOODS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

## 9.5 MEDICAL & HEALTHCARE

### 9.5.1 INCREASING CONSUMER AWARENESS ABOUT PERSONAL HYGIENE AND QUALITY OF MEDICAL EQUIPMENT TO BOOST DEMAND

TABLE 97 MEDICAL & HEALTHCARE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 98 MEDICAL & HEALTHCARE: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 99 MEDICAL & HEALTHCARE: ANTIMICROBIAL PLASTICS MARKET SIZE, BY REGION, 2017–2021 (USD MILLION)

TABLE 100 MEDICAL & HEALTHCARE: ANTIMICROBIAL PLASTICS MARKET SIZE, BY REGION, 2022–2028 (USD MILLION)

## 9.6 BUILDING & CONSTRUCTION

### 9.6.1 INCREASING INVESTMENTS IN CONSTRUCTION INDUSTRY TO FUEL DEMAND

TABLE 101 BUILDING & CONSTRUCTION: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 102 BUILDING & CONSTRUCTION: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 103 BUILDING & CONSTRUCTION: ANTIMICROBIAL PLASTICS MARKET,

BY REGION, 2017–2021 (USD MILLION)

TABLE 104 BUILDING & CONSTRUCTION: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

9.7 OTHERS

TABLE 105 OTHER APPLICATIONS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 106 OTHER APPLICATIONS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 107 OTHER APPLICATIONS: ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 108 OTHER APPLICATIONS: ANTIMICROBIAL PLASTICS MARKETS, BY REGION, 2022–2028 (USD MILLION)

## **10 ANTIMICROBIAL PLASTICS MARKET, BY REGION**

### 10.1 INTRODUCTION

FIGURE 34 ASIA PACIFIC MARKET PROJECTED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

TABLE 109 ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (KILOTON)

TABLE 110 ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (KILOTON)

TABLE 111 ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2017–2021 (USD MILLION)

TABLE 112 ANTIMICROBIAL PLASTICS MARKET, BY REGION, 2022–2028 (USD MILLION)

### 10.2 ASIA PACIFIC

FIGURE 35 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET SNAPSHOT

#### 10.2.1 IMPACT OF RECESSION

#### 10.2.2 ASIA PACIFIC ANTIMICROBIAL PLASTICS MARKET, BY TYPE

TABLE 113 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 114 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 115 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 116 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.2.3 ASIA PACIFIC ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION



TABLE 117 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (KILOTON)

TABLE 118 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (KILOTON)

TABLE 119 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (USD MILLION)

TABLE 120 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

#### 10.2.4 ASIA PACIFIC ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY

TABLE 121 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 122 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2022–2028 (KILOTON)

TABLE 123 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 124 ASIA PACIFIC: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2022–2028 (USD MILLION)

##### 10.2.4.1 China

10.2.4.1.1 Increasing investments in automotive, medical & healthcare, building & construction, and consumer goods industries to drive demand

TABLE 125 CHINA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 126 CHINA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 127 CHINA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 128 CHINA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY, 2022–2028 (USD MILLION)

##### 10.2.4.2 Japan

10.2.4.2.1 Growing medical & healthcare industry to bolster demand

TABLE 129 JAPAN: ANTIMICROBIAL PLASTICS MARKET SIZE, BY, 2017–2021 (KILOTON)

TABLE 130 JAPAN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 131 JAPAN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 132 JAPAN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

##### 10.2.4.3 India

10.2.4.3.1 Population growth, economic, industrial, and infrastructural developments to propel market

TABLE 133 INDIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 134 INDIA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY, 2022–2028 (KILOTON)

TABLE 135 INDIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 136 INDIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.2.4.4 South Korea

10.2.4.4.1 Increasing usage of engineering and high performance plastics in electronics and automotive industries to lead to market growth

TABLE 137 SOUTH KOREA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 138 SOUTH KOREA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 139 SOUTH KOREA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 140 SOUTH KOREA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.2.4.5 Indonesia

10.2.4.5.1 Establishment of increasing number of facilities by global car manufacturers to drive market

TABLE 141 INDONESIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 142 INDONESIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 143 INDONESIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 144 INDONESIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.2.4.6 Thailand

10.2.4.6.1 Growing usage of commodity plastics in packaging industry to boost market

TABLE 145 THAILAND: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 146 THAILAND: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 147 THAILAND: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 148 THAILAND: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.2.4.7 Malaysia

10.2.4.7.1 Increasing awareness toward safety & hygiene to drive market

TABLE 149 MALAYSIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 150 MALAYSIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 151 MALAYSIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 152 MALAYSIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.2.4.8 Australia & New Zealand

10.2.4.8.1 Growing consumer goods and packaging industries to drive market growth

TABLE 153 AUSTRALIA & NEW ZEALAND: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 154 AUSTRALIA & NEW ZEALAND: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 155 AUSTRALIA & NEW ZEALAND: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 156 AUSTRALIA & NEW ZEALAND: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

### 10.3 NORTH AMERICA

FIGURE 36 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SNAPSHOT

#### 10.3.1 IMPACT OF RECESSION

#### 10.3.2 NORTH AMERICA ANTIMICROBIAL PLASTICS MARKET, BY TYPE

TABLE 157 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY TYPE, 2017–2021 (KILOTON)

TABLE 158 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY TYPE, 2022–2028 (KILOTON)

TABLE 159 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY TYPE, 2017–2021 (USD MILLION)

TABLE 160 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY TYPE, 2022–2028 (USD MILLION)

#### 10.3.3 NORTH AMERICA ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION

TABLE 161 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY

APPLICATION, 2017–2021 (KILOTON)

TABLE 162 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY APPLICATION, 2022–2028 (KILOTON)

TABLE 163 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY APPLICATION, 2017–2021 (USD MILLION)

TABLE 164 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY APPLICATION, 2022–2028 (USD MILLION)

#### 10.3.4 NORTH AMERICA ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY

TABLE 165 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 166 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY COUNTRY, 2022–2028 (KILOTON)

TABLE 167 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 168 NORTH AMERICA: ANTIMICROBIAL PLASTICS MARKET SIZE, BY COUNTRY, 2022–2028 (USD MILLION)

##### 10.3.4.1 US

###### 10.3.4.1.1 Higher per capita spending on plastics to drive demand

TABLE 169 US: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 170 US: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 171 US: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 172 US: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

##### 10.3.4.2 Canada

10.3.4.2.1 Growth of automotive and food & beverage industries to support market growth

TABLE 173 CANADA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 174 CANADA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 175 CANADA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 176 CANADA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

##### 10.3.4.3 Mexico

###### 10.3.4.3.1 Building & construction industry to lead to market growth

TABLE 177 MEXICO: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 178 MEXICO: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 179 MEXICO: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 180 MEXICO: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.4 EUROPE

FIGURE 37 EUROPE: ANTIMICROBIAL PLASTICS MARKET SNAPSHOT

##### 10.4.1 IMPACT OF RECESSION

##### 10.4.2 EUROPE ANTIMICROBIAL PLASTICS MARKET, BY TYPE

TABLE 181 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 182 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 183 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 184 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

##### 10.4.3 EUROPE ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION

TABLE 185 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (KILOTON)

TABLE 186 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (KILOTON)

TABLE 187 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (USD MILLION)

TABLE 188 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

##### 10.4.4 EUROPE ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY

TABLE 189 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 190 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2022–2028 (KILOTON)

TABLE 191 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 192 EUROPE: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2022–2028 (USD MILLION)

##### 10.4.4.1 Germany

#### 10.4.4.1.1 Growth of plastics and packaging industries to drive market

TABLE 193 GERMANY: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 194 GERMANY: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 195 GERMANY: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 196 GERMANY: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.4.4.2 Russia

##### 10.4.4.2.1 Rising automotive industry to support market growth

TABLE 197 RUSSIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 198 RUSSIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 199 RUSSIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 200 RUSSIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.4.4.3 Italy

##### 10.4.4.3.1 Medical & healthcare and automotive industries to drive market

TABLE 201 ITALY: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 202 ITALY: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 203 ITALY: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 204 ITALY: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.4.4.4 France

10.4.4.4.1 Building & construction and medical & healthcare industries to drive demand

TABLE 205 FRANCE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 206 FRANCE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 207 FRANCE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 208 FRANCE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028

(USD MILLION)

#### 10.4.4.5 UK

10.4.4.5.1 High demand from construction and automotive end-use industries to propel market

TABLE 209 UK: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 210 UK: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 211 UK: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 212 UK: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.4.4.6 Spain

10.4.4.6.1 Medical & healthcare applications to boost significant demand

TABLE 213 SPAIN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 214 SPAIN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 215 SPAIN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 216 SPAIN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

### 10.5 MIDDLE EAST & AFRICA

#### 10.5.1 IMPACT OF RECESSION

#### 10.5.2 MIDDLE EAST & AFRICA ANTIMICROBIAL PLASTICS MARKET, BY TYPE

TABLE 217 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 218 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 219 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 220 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

10.5.3 MIDDLE EAST & AFRICA ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION

TABLE 221 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (KILOTON)

TABLE 222 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (KILOTON)

TABLE 223 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (USD MILLION)

TABLE 224 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

10.5.4 MIDDLE EAST & AFRICA ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY

TABLE 225 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 226 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2022–2028 (KILOTON)

TABLE 227 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 228 MIDDLE EAST & AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2022–2028 (USD MILLION)

10.5.4.1 Iran

10.5.4.1.1 Growing population, rising life expectancy, and rapid urbanization to drive market

TABLE 229 IRAN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 230 IRAN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 231 IRAN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 232 IRAN: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

10.5.4.2 Saudi Arabia

10.5.4.2.1 Increasing investments in infrastructure to drive demand

TABLE 233 SAUDI ARABIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 234 SAUDI ARABIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 235 SAUDI ARABIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 236 SAUDI ARABIA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

10.5.4.3 South Africa

10.5.4.3.1 Growing demand from packaging industry to fuel market

TABLE 237 SOUTH AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)



TABLE 238 SOUTH AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 239 SOUTH AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 240 SOUTH AFRICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.5.4.4 UAE

##### 10.5.4.4.1 Rising investments in real estate to drive demand

TABLE 241 UAE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 242 UAE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 243 UAE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 244 UAE: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

#### 10.6 SOUTH AMERICA

##### 10.6.1 IMPACT OF RECESSION

##### 10.6.2 SOUTH AMERICA ANTIMICROBIAL PLASTICS MARKET, BY TYPE

TABLE 245 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 246 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 247 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 248 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

##### 10.6.3 SOUTH AMERICA ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION

TABLE 249 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (KILOTON)

TABLE 250 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (KILOTON)

TABLE 251 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2017–2021 (USD MILLION)

TABLE 252 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

##### 10.6.4 SOUTH AMERICA ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY

TABLE 253 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 254 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2022–2028 (KILOTON)

TABLE 255 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 256 SOUTH AMERICA: ANTIMICROBIAL PLASTICS MARKET, BY COUNTRY, 2022–2028 (USD MILLION)

#### 10.6.4.1 Brazil

10.6.4.1.1 Economic growth to drive demand across various industries

TABLE 257 BRAZIL: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (KILOTON)

TABLE 258 BRAZIL: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (KILOTON)

TABLE 259 BRAZIL: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2017–2021 (USD MILLION)

TABLE 260 BRAZIL: ANTIMICROBIAL PLASTICS MARKET, BY TYPE, 2022–2028 (USD MILLION)

## 11 COMPETITIVE LANDSCAPE

### 11.1 INTRODUCTION

#### 11.2 STRATEGIES ADOPTED BY KEY PLAYERS

TABLE 261 OVERVIEW OF STRATEGIES ADOPTED BY ANTIMICROBIAL PLASTICS MANUFACTURERS

#### 11.3 MARKET SHARE ANALYSIS

TABLE 262 DEGREE OF COMPETITION

FIGURE 38 ANTIMICROBIAL PLASTICS MARKET SHARE, BY COMPANY, 2022

11.3.1 DUPONT DE NEMOURS, INC.

11.3.2 BASF SE

11.3.3 MICROBAN INTERNATIONAL, LTD.

11.3.4 SANITIZED AG

#### 11.4 RANKING OF KEY MARKET PLAYERS

FIGURE 39 RANKING OF TOP FOUR PLAYERS IN ANTIMICROBIAL PLASTICS MARKET, 2022

#### 11.5 REVENUE ANALYSIS OF KEY MARKET PLAYERS, 2018–2022

FIGURE 40 REVENUE ANALYSIS OF KEY COMPANIES FOR PAST FIVE YEARS

#### 11.6 COMPANY PRODUCT FOOTPRINT ANALYSIS

FIGURE 41 COMPANY PRODUCT FOOTPRINT

TABLE 263 TYPE FOOTPRINT

TABLE 264 APPLICATION FOOTPRINT

**TABLE 265 COMPANY REGION FOOTPRINT****11.7 COMPANY EVALUATION QUADRANT (TIER 1)**

## 11.7.1 STARS

## 11.7.2 EMERGING LEADERS

## 11.7.3 PARTICIPANTS

## 11.7.4 PERVASIVE PLAYERS

**FIGURE 42 COMPANY EVALUATION QUADRANT****11.8 STARTUP/SMALL AND MEDIUM-SIZED ENTERPRISES (SMES) EVALUATION QUADRANT****TABLE 266 DETAILED LIST OF KEY STARTUPS/SMES****TABLE 267 COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES****11.9 STARTUP/SME EVALUATION QUADRANT**

## 11.9.1 PROGRESSIVE COMPANIES

## 11.9.2 RESPONSIVE COMPANIES

## 11.9.3 STARTING BLOCKS

## 11.9.4 DYNAMIC COMPANIES

**FIGURE 43 STARTUP/SME EVALUATION QUADRANT FOR ANTIMICROBIAL PLASTICS MARKET****11.10 COMPETITIVE SCENARIOS**

## 11.10.1 PRODUCT LAUNCHES

**TABLE 268 PRODUCT LAUNCHES (2018–2022)**

## 11.10.2 DEALS

**TABLE 269 DEALS (2018–2022)**

## 11.10.3 OTHER DEVELOPMENTS

**TABLE 270 EXPANSIONS (2018–2022)****12 COMPANY PROFILES**

\*Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, SWOT Analysis, and MnM View might not be captured in case of unlisted companies.

**12.1 MAJOR PLAYERS**

## 12.1.1 DUPONT DE NEMOURS, INC.

**FIGURE 44 DUPONT DE NEMOURS, INC.: COMPANY SNAPSHOT****TABLE 271 DUPONT DE NEMOURS, INC.: COMPANY OVERVIEW****TABLE 272 DUPONT DE NEMOURS, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED****TABLE 273 DUPONT DE NEMOURS, INC.: DEALS****TABLE 274 DUPONT DE NEMOURS, INC.: OTHER DEVELOPMENTS**

### 12.1.2 BASF SE

FIGURE 45 BASF SE: COMPANY SNAPSHOT

TABLE 275 BASF SE: COMPANY OVERVIEW

TABLE 276 BASF SE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

### 12.1.3 MICROBAN INTERNATIONAL, LTD.

TABLE 277 MICROBAN INTERNATIONAL, LTD.: COMPANY OVERVIEW

TABLE 278 MICROBAN INTERNATIONAL, LTD.:  
PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 279 MICROBAN INTERNATIONAL, LTD.: PRODUCT LAUNCHES

TABLE 280 MICROBAN INTERNATIONAL, LTD.: DEALS

TABLE 281 MICROBAN INTERNATIONAL, LTD.: OTHER DEVELOPMENTS

### 12.1.4 AVIENT CORPORATION

FIGURE 46 AVIENT CORPORATION: COMPANY SNAPSHOT

TABLE 282 AVIENT CORPORATION: COMPANY OVERVIEW

TABLE 283 AVIENT CORPORATION: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

TABLE 284 AVIENT CORPORATION: PRODUCT LAUNCHES

TABLE 285 AVIENT CORPORATION: DEALS

### 12.1.5 PARX MATERIALS N.V.

TABLE 286 PARX MATERIALS N.V.: COMPANY OVERVIEW

TABLE 287 PARX MATERIALS N.V.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 288 PARX MATERIALS N.V.: OTHER DEVELOPMENTS

### 12.1.6 SANITIZED AG

TABLE 289 SANITIZED AG: COMPANY OVERVIEW

TABLE 290 SANITIZED AG: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 291 SANITIZED AG: PRODUCT LAUNCHES

TABLE 292 SANITIZED AG: DEALS

### 12.1.7 BIOCOTE LIMITED

TABLE 293 BIOCOTE LIMITED: COMPANY OVERVIEW

TABLE 294 BIOCOTE LIMITED: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 295 BIOCOTE LIMITED: DEALS

### 12.1.8 KING PLASTIC CORPORATION

TABLE 296 KING PLASTIC CORPORATION: COMPANY OVERVIEW

TABLE 297 KING PLASTIC CORPORATION: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

TABLE 298 KING PLASTIC CORPORATION: PRODUCT LAUNCHES

### 12.1.9 MILLIKEN & COMPANY

TABLE 299 MILLIKEN & COMPANY: COMPANY OVERVIEW

TABLE 300 MILLIKEN & COMPANY: PRODUCTS/SOLUTIONS/SERVICES OFFERED

#### 12.1.10 RTP COMPANY

TABLE 301 RTP COMPANY: COMPANY OVERVIEW

TABLE 302 RTP COMPANY: PRODUCTS/SOLUTIONS/SERVICES OFFERED

#### 12.2 OTHER KEY MARKET PLAYERS

##### 12.2.1 AMERICHEM INC.

TABLE 303 AMERICHEM INC.: COMPANY OVERVIEW

##### 12.2.2 TEKNOR APEX COMPANY

TABLE 304 TEKNOR APEX COMPANY: COMPANY OVERVIEW

##### 12.2.3 POLYGIENE GROUP AB

TABLE 305 POLYGIENE GROUP AB: COMPANY OVERVIEW

##### 12.2.4 SCIESSENT LLC

TABLE 306 SCIESSENT LLC: COMPANY OVERVIEW

##### 12.2.5 VALTRIS SPECIALTY CHEMICALS

TABLE 307 VALTRIS SPECIALTY CHEMICALS: COMPANY OVERVIEW

##### 12.2.6 BIOSAFE INC.

TABLE 308 BIOSAFE INC.: COMPANY OVERVIEW

##### 12.2.7 POLYCHEM ALLOY INC.

TABLE 309 POLYCHEM ALLOY INC.: COMPANY OVERVIEW

##### 12.2.8 AMERICAN POLYFILM, INC.

TABLE 310 AMERICAN POLYFILM, INC.: COMPANY OVERVIEW

##### 12.2.9 POREX CORPORATION

TABLE 311 POREX CORPORATION: COMPANY OVERVIEW

##### 12.2.10 CHROMA COLOR CORPORATION

TABLE 312 CHROMA COLOR CORPORATION: COMPANY OVERVIEW

##### 12.2.11 CELANESE CORPORATION

TABLE 313 CELANESE CORPORATION: COMPANY OVERVIEW

##### 12.2.12 PALRAM INDUSTRIES LTD.

TABLE 314 PALRAM INDUSTRIES LTD.: COMPANY OVERVIEW

##### 12.2.13 WELL PLASTICS LTD.

TABLE 315 WELL PLASTICS LTD.: COMPANY OVERVIEW

##### 12.2.14 RAY PRODUCTS

TABLE 316 RAY PRODUCTS: COMPANY OVERVIEW

##### 12.2.15 ORGANIC PLAST

TABLE 317 ORGANIC PLAST: COMPANY OVERVIEW

(Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))\*

## 13 ADJACENT & RELATED MARKETS

## 13.1 INTRODUCTION

## 13.2 LIMITATIONS

## 13.3 ENGINEERING PLASTICS MARKET

### 13.3.1 MARKET DEFINITION

### 13.3.2 MARKET OVERVIEW

### 13.3.3 ENGINEERING PLASTICS MARKET, BY REGION

TABLE 318 ENGINEERING PLASTICS MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 319 ENGINEERING PLASTICS MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 320 ENGINEERING PLASTICS MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 321 ENGINEERING PLASTICS MARKET, BY REGION, 2021–2027 (KILOTON)

#### 13.3.3.1 Asia Pacific

TABLE 322 ASIA PACIFIC: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 323 ASIA PACIFIC: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 324 ASIA PACIFIC: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2021–2027 (USD MILLION)

TABLE 325 ASIA PACIFIC: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2021–2027 (KILOTON)

#### 13.3.3.2 Europe

TABLE 326 EUROPE: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 327 EUROPE: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 328 EUROPE: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2021–2027 (USD MILLION)

TABLE 329 EUROPE: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2021–2027 (KILOTON)

#### 13.3.3.3 North America

TABLE 330 NORTH AMERICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 331 NORTH AMERICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 332 NORTH AMERICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2021–2027 (USD MILLION)

TABLE 333 NORTH AMERICA: ENGINEERING PLASTICS MARKET, BY COUNTRY,

2021–2027 (KILOTON)

13.3.3.4 Middle East & Africa

TABLE 334 MIDDLE EAST & AFRICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 335 MIDDLE EAST & AFRICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 336 MIDDLE EAST & AFRICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2021–2027 (USD MILLION)

TABLE 337 MIDDLE EAST & AFRICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2021–2027 (KILOTON)

13.3.3.5 South America

TABLE 338 SOUTH AMERICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 339 SOUTH AMERICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 340 SOUTH AMERICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2021–2027 (USD MILLION)

TABLE 341 SOUTH AMERICA: ENGINEERING PLASTICS MARKET, BY COUNTRY, 2021–2027 (KILOTON)

## **14 APPENDIX**

14.1 DISCUSSION GUIDE

14.2 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

14.3 CUSTOMIZATION OPTIONS

14.4 RELATED REPORTS

14.5 AUTHOR DETAILS

## I would like to order

Product name: Antimicrobial Plastics Market by Additive (Inorganic, Organic), Type (Commodity Plastics, Engineering Plastics, High Performance Plastics), Application (Packaging, Automotive, Medical & Healthcare, Consumer Goods), & Region - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/A92F107C73AEN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A92F107C73AEN.html>