

Ceramic Armor - Global Market Outlook (2018-2027)

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Abstracts

According to Statistics MRC, the Global Ceramic Armor Market is accounted for \$1.65 billion in 2018 and is expected to reach \$3.67 billion by 2027 growing at a CAGR of 9.3% during the forecast period. Security concerns in developing regions, increasing demand for homeland security, and changing battlefield scenario are some of the factors fuelling the market growth. However, failure to provide complete protection and complexity of ceramic armour design is restricting the market growth.

Ceramic armor is commonly used in defence and security sectors. It is used in soft ballistic vests. Ceramic armor helps in defeating the high-velocity projectiles. It is a lightweight material, which guarantees durability and performance. The rise in advancements in the defense sector is expected to drive the demand for ceramic armor during the forecast period. Ceramic materials are generally a part of vehicle protection system and ballistic personal system. It is being used in the protection of individuals as well as vehicles, since decades. These are the hardest materials, and different than Kevlar using fibre to catch the bullet. Because of its strength, ceramic breaks the bullet.

Based on material, silicon carbide segment is estimated to have a lucrative growth due to the excessive demand for body armor providing higher defense and lower weight, and it is supreme for defending rifle bullets because of its superior strength and hardness. By Geography, North America is likely to have a huge demand due to the high demand for body armor from the defense as well as civilians and an increase in military spending by the US government.

Some of the key players profiled in the Ceramic Armor market include 3M Company, Armorstruxx LLC, Armorworks Enterprises, LLC, BAE Systems, Ceramtec, Cerco Corporation, Coorstek, Inc., FMS Enterprises Migun Ltd., Hard Shell, II-VI Incorporated, Koninklijke Ten Cate BV, Morgan Advanced Materials PLC, Point Blank Enterprises, Inc., SAAB AB, Safariland, LLC, Saint-Gobain, Schunk Carbon Technology, Seyntex

NV, Sinoarmor and SM Group.

Materials Covered:

Alumina

Aluminum Nitride

Boron Carbide

Ceramic Matrix Composite

Silicon Carbide

Titanium Boride

Other Materials

Types Covered:

Type I

Type II

Type II-A

Type III

Type III-A

Type VI

Distribution Channels Covered:

Off-Line

On-Line

Applications Covered:

Aircraft Armor

Body Armor

Defense Armor

Marine Armor

Vehicle Armor

Other Applications

End Users Covered:

Civilians

Defense

Homeland Security

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

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free

customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

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

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL CERAMIC ARMOR MARKET, BY MATERIAL

- 5.1 Introduction
- 5.2 Alumina
- 5.3 Aluminum Nitride
- 5.4 Boron Carbide
- 5.5 Ceramic Matrix Composite
- 5.6 Silicon Carbide
- 5.7 Titanium Boride
- 5.8 Other Materials

6 GLOBAL CERAMIC ARMOR MARKET, BY TYPE

- 6.1 Introduction
- 6.2 Type I
- 6.3 Type II
- 6.4 Type II-A
- 6.5 Type III
- 6.6 Type III-A
- 6.7 Type VI

7 GLOBAL CERAMIC ARMOR MARKET, BY DISTRIBUTION CHANNEL

- 7.1 Introduction
- 7.2 Off Line
- 7.3 On Line

8 GLOBAL CERAMIC ARMOR MARKET, BY APPLICATION

- 8.1 Introduction
- 8.2 Aircraft Armor
- 8.3 Body Armor
- 8.4 Defense Armor
- 8.5 Marine Armor
- 8.6 Vehicle Armor
- 8.7 Other Applications

9 GLOBAL CERAMIC ARMOR MARKET, BY END USER

- 9.1 Introduction
- 9.2 Civilians
- 9.3 Defense
- 9.4 Homeland Security

10 GLOBAL CERAMIC ARMOR MARKET, BY GEOGRAPHY

- 10.1 Introduction
- 10.2 North America
 - 10.2.1 US
 - 10.2.2 Canada
 - 10.2.3 Mexico
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.2 UK
 - 10.3.3 Italy
 - 10.3.4 France
 - 10.3.5 Spain
 - 10.3.6 Rest of Europe
- 10.4 Asia Pacific
 - 10.4.1 Japan
 - 10.4.2 China
 - 10.4.3 India
 - 10.4.4 Australia
 - 10.4.5 New Zealand
 - 10.4.6 South Korea
 - 10.4.7 Rest of Asia Pacific
- 10.5 South America
 - 10.5.1 Argentina
 - 10.5.2 Brazil
 - 10.5.3 Chile
 - 10.5.4 Rest of South America
- 10.6 Middle East & Africa
 - 10.6.1 Saudi Arabia
 - 10.6.2 UAE
 - 10.6.3 Qatar
 - 10.6.4 South Africa
 - 10.6.5 Rest of Middle East & Africa

11 KEY DEVELOPMENTS

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

12 COMPANY PROFILING

- 12.1 3M Company
- 12.2 Armorstruxx LLC
- 12.3 Armorworks Enterprises, LLC
- 12.4 BAE Systems
- 12.5 Ceramtec
- 12.6 Cerco Corporation
- 12.7 Coorstek, Inc.
- 12.8 FMS Enterprises Migun Ltd.
- 12.9 Hard Shell
- 12.10 II-VI Incorporated
- 12.11 Koninklijke Ten Cate BV
- 12.12 Morgan Advanced Materials PLC
- 12.13 Point Blank Enterprises, Inc.
- 12.14 SAAB AB
- 12.15 Safariland, LLC
- 12.16 Saint-Gobain
- 12.17 Schunk Carbon Technology
- 12.18 Seyntex NV
- 12.19 Sinoarmor
- 12.20 SM Group

List Of Tables

LIST OF TABLES

| |
|---|
| Table 1 Global Ceramic Armor Market Outlook, By Region (2017-2027) (\$MN) |
| Table 2 Global Ceramic Armor Market Outlook, By Material (2017-2027) (\$MN) |
| Table 3 Global Ceramic Armor Market Outlook, By Alumina (2017-2027) (\$MN) |
| Table 4 Global Ceramic Armor Market Outlook, By Aluminum Nitride (2017-2027) (\$MN) |
| Table 5 Global Ceramic Armor Market Outlook, By Boron Carbide (2017-2027) (\$MN) |
| Table 6 Global Ceramic Armor Market Outlook, By Ceramic Matrix Composite (2017-2027) (\$MN) |
| Table 7 Global Ceramic Armor Market Outlook, By Silicon Carbide (2017-2027) (\$MN) |
| Table 8 Global Ceramic Armor Market Outlook, By Titanium Boride (2017-2027) (\$MN) |
| Table 9 Global Ceramic Armor Market Outlook, By Other Materials (2017-2027) (\$MN) |
| Table 10 Global Ceramic Armor Market Outlook, By Type (2017-2027) (\$MN) |
| Table 11 Global Ceramic Armor Market Outlook, By Type I (2017-2027) (\$MN) |
| Table 12 Global Ceramic Armor Market Outlook, By Type II (2017-2027) (\$MN) |
| Table 13 Global Ceramic Armor Market Outlook, By Type II-A (2017-2027) (\$MN) |
| Table 14 Global Ceramic Armor Market Outlook, By Type III (2017-2027) (\$MN) |
| Table 15 Global Ceramic Armor Market Outlook, By Type III-A (2017-2027) (\$MN) |
| Table 16 Global Ceramic Armor Market Outlook, By Type VI (2017-2027) (\$MN) |
| Table 17 Global Ceramic Armor Market Outlook, By Distribution Channel (2017-2027) (\$MN) |
| Table 18 Global Ceramic Armor Market Outlook, By Off Line (2017-2027) (\$MN) |
| Table 19 Global Ceramic Armor Market Outlook, By On Line (2017-2027) (\$MN) |
| Table 20 Global Ceramic Armor Market Outlook, By Application (2017-2027) (\$MN) |
| Table 21 Global Ceramic Armor Market Outlook, By Aircraft Armor (2017-2027) (\$MN) |
| Table 22 Global Ceramic Armor Market Outlook, By Body Armor (2017-2027) (\$MN) |
| Table 23 Global Ceramic Armor Market Outlook, By Defense Armor (2017-2027) (\$MN) |
| Table 24 Global Ceramic Armor Market Outlook, By Marine Armor (2017-2027) (\$MN) |
| Table 25 Global Ceramic Armor Market Outlook, By Vehicle Armor (2017-2027) (\$MN) |
| Table 26 Global Ceramic Armor Market Outlook, By Other Applications (2017-2027) (\$MN) |
| Table 27 Global Ceramic Armor Market Outlook, By End User (2017-2027) (\$MN) |
| Table 28 Global Ceramic Armor Market Outlook, By Civilians (2017-2027) (\$MN) |
| Table 29 Global Ceramic Armor Market Outlook, By Defense (2017-2027) (\$MN) |
| Table 30 Global Ceramic Armor Market Outlook, By Homeland Security (2017-2027) (\$MN) |

NOTE: The tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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