

# **High Performance Ceramic Coatings Market by Product Type (Oxide Coating, Carbide Coating and Nitride Coating), Technology (Thermal Spray, Physical Vapor Deposition, Chemical Vapor Deposition, and Other Technologies), and End Use Industry (Automotive, Aerospace & Defense, General Industrial Tools & machinery, Healthcare, and Others): Global Opportunity Analysis and Industry Forecast, 2019–2026**

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## **Abstracts**

The global high performance ceramic coatings market was valued at \$7,844.0 million in 2018 and is projected to reach \$12,633.3 million by 2026, growing at a CAGR of 6.2% from 2019 to 2026. High performance ceramic coatings are inorganic materials which are treated and used at high temperatures. These coatings are applied on automotive engine components, which increases the fuel efficiency. Its physical properties such as resistance to high temperature protects the components from oxidation. Rapid growth of automotive sector, increase in expenditure power, and higher demand for automobiles from consumers are expected to drive the growth of the high performance ceramic coatings market.

However, factors such as high cost of production is likely to hamper the growth of the global high performance ceramic coatings market. Nevertheless, ongoing development in plasma sprayed coating practices are anticipated to offer lucrative growth opportunities in the near future.

The high performance ceramic coatings market is segmented based on product type,

*High Performance Ceramic Coatings Market by Product Type (Oxide Coating, Carbide Coating and Nitride Coating),...*

technology, end use industry, and region. Depending on product type, the market is classified into oxide coating, carbide coating and nitride coating. By technology, it is fragmented into thermal spray, physical vapor deposition, chemical vapor deposition, and other technologies. As per end use industry, it is segregated into automotive, aerospace & defense, energy & power, healthcare, and others. The high performance ceramic coatings market is segmented based on region including North America (U.S., Canada, and Mexico), Europe (UK, Germany, France, Italy, Spain, Russia, and rest of Europe), Asia-Pacific (China, Japan, South Korea, India, Thailand, and rest of Asia-Pacific), and LAMEA (Brazil, Turkey, Saudi Arabia, and rest of LAMEA).

The major key players operating in the high performance ceramic coatings industry include Akzo Saint-Gobain, Aremco Products, Inc., Ceramic Polymer GmbH, Praxair Surface Technologies, Inc., DowDuPont, Cetek Ceramic Technologies Ltd., APS Materials Inc., Bodycote Plc, A&A Coatings, Kurt J. Lesker Company Ltd. Other players operating in this market include Fosbel, Keronite Group, Oerlikon Metco, and Swain Tech Coatings. These major key players are adopting different strategies such as acquisition, business expansion, and collaboration to stay competitive in the global market.

## KEY BENEFITS FOR STAKEHOLDERS

Porter's five forces analysis helps to analyze the potential of buyers & suppliers and the competitive scenario of the industry for strategy building.

It outlines the current trends and future scenario of the market from 2019 to 2026 to understand the prevailing opportunities and potential investment pockets.

Major countries in the region have been mapped according to their individual revenue contribution to the regional market.

The key drivers, restraints, and opportunities and their detailed impact analysis are elucidated in the study.

The profiles of key players along with their key strategic developments are enlisted in the report.

## KEY MARKET SEGMENTS

### By Product Type

Oxide Coating

Carbide Coating

Nitride Coating

### By Technology

Thermal Spray

Physical Vapor Deposition

Chemical Vapor Deposition

Other Technologies

### By End Use Industry

Automotive

Aerospace & Defense

General Industrial Tools & Machinery

Healthcare

Others

### By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

Spain

Italy

UK

Russia

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Thailand

Rest of Asia-Pacific

LAMEA

Brazil

Turkey

South Africa

Rest of LAMEA

## Contents

### CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key benefits for stakeholders
- 1.3. Key market segments
- 1.4. Research methodology
  - 1.4.1. Primary research
  - 1.4.2. Secondary research
  - 1.4.3. Analyst tools and models

### CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. Key findings
  - 2.1.1. Top investment pockets
- 2.2. CXO perspective

### CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
  - 3.1.1. Parent Market Overview
- 3.2. Key Forces Shaping High Performance Ceramic Coatings Market
  - 3.2.1. Moderate bargaining power of suppliers
  - 3.2.2. Moderate threat of new entrants
  - 3.2.3. Moderate threat of substitutes
  - 3.2.4. Moderate intensity of rivalry
  - 3.2.5. Moderate bargaining power of buyers
- 3.3. Pricing Analysis
  - 3.3.1. Pricing Analysis By Region, 2018 & 2026
- 3.4. Value Chain Analysis
- 3.5. Impact of government regulations on global high performance ceramic coatings market
- 3.6. Patent Analysis
  - 3.6.1. By Region (2012-2018)
- 3.7. Case Studies
  - 3.7.1. Case Study
  - 3.7.2. Case Study
- 3.8. Market dynamics

### 3.8.1. Drivers

- 3.8.1.1. Surge in demand for automobiles
- 3.8.1.2. Rising aerospace application
- 3.8.1.3. Increasing Usage in Medical Devices

### 3.8.2. Restraints

- 3.8.2.1. High cost of ceramic coatings
- 3.8.2.2. Capital intensive production setup
- 3.8.2.3. Issues regarding thermal spray process reliability and consistency

### 3.8.3. Opportunities

- 3.8.3.1. Advancement in plasma spray coating

## **CHAPTER 4: HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE**

### 4.1. Overview

- 4.1.1. Market size and forecast

### 4.2. Oxide Coatings

- 4.2.1. Key market trends, growth factors and opportunities
- 4.2.2. Market size and forecast, by region
- 4.2.3. Market analysis by country

### 4.3. Nitride Coatings

- 4.3.1. Key market trends, growth factors and opportunities
- 4.3.2. Market size and forecast, by region
- 4.3.3. Market analysis by country

### 4.4. Carbide Coatings

- 4.4.1. Key market trends, growth factors and opportunities
- 4.4.2. Market size and forecast, by region
- 4.4.3. Market analysis by country

## **CHAPTER 5: HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY**

### 5.1. Overview

- 5.1.1. Market size and forecast

### 5.2. Thermal Spray

- 5.2.1. Key market trends, growth factors and opportunities
- 5.2.2. Market size and forecast, by region
- 5.2.3. Market analysis by country

### 5.3. Physical Vapor Deposition

- 5.3.1. Key market trends, growth factors and opportunities
- 5.3.2. Market size and forecast, by region
- 5.3.3. Market analysis by country
- 5.4. Chemical Vapor Deposition
  - 5.4.1. Key market trends, growth factors and opportunities
  - 5.4.2. Market size and forecast, by region
  - 5.4.3. Market analysis by country
- 5.5. Other Technologies
  - 5.5.1. Key market trends, growth factors and opportunities
  - 5.5.2. Market size and forecast, by region
  - 5.5.3. Market analysis by country

## **CHAPTER 6: HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY**

- 6.1. Overview
  - 6.1.1. Market size and forecast
- 6.2. Automotive
  - 6.2.1. Key market trends, growth factors and opportunities
  - 6.2.2. Market size and forecast, by region
  - 6.2.3. Market analysis by country
- 6.3. Aerospace & Defense
  - 6.3.1. Key market trends, growth factors and opportunities
  - 6.3.2. Market size and forecast, by region
  - 6.3.3. Market analysis by country
- 6.4. General Industrial Tools & Machinery
  - 6.4.1. Key market trends, growth factors and opportunities
  - 6.4.2. Market size and forecast, by region
  - 6.4.3. Market analysis by country
- 6.5. Healthcare
  - 6.5.1. Key market trends, growth factors and opportunities
  - 6.5.2. Market size and forecast, by region
  - 6.5.3. Market analysis by country
- 6.6. Others
  - 6.6.1. Key market trends, growth factors and opportunities
  - 6.6.2. Market size and forecast, by region
  - 6.6.3. Market analysis by country

## **CHAPTER 7: HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY REGION**

*High Performance Ceramic Coatings Market by Product Type (Oxide Coating, Carbide Coating and Nitride Coating),...*



## 7.1. Overview

### 7.1.1. Market size and forecast

## 7.2. North America

### 7.2.1. Key market trends, growth factors, and opportunities

### 7.2.2. Market size and forecast, by Product Type

### 7.2.3. Market size and forecast, by Technology

### 7.2.4. Market size and forecast, by end use industry

### 7.2.5. Market share analysis, by country

### 7.2.6. U.S.

#### 7.2.6.1. Socio-Economic & Micro-Macro Indicators

#### 7.2.6.2. Market size and forecast, by product type

#### 7.2.6.3. Market size and forecast, by technology

#### 7.2.6.4. Market size and forecast, by end use industry

### 7.2.7. Canada

#### 7.2.7.1. Socio-Economic & Micro-Macro Indicators

#### 7.2.7.2. Market size and forecast, by product type

#### 7.2.7.3. Market size and forecast, by technology

#### 7.2.7.4. Market size and forecast, by end use industry

### 7.2.8. Mexico

#### 7.2.8.1. Socio-Economic & Micro-Macro Indicators

#### 7.2.8.2. Market size and forecast, by product type

#### 7.2.8.3. Market size and forecast, by technology

#### 7.2.8.4. Market size and forecast, by end use industry

## 7.3. Europe

### 7.3.1. Key market trends, growth factors, and opportunities

### 7.3.2. Market size and forecast, by Product Type

### 7.3.3. Market size and forecast, by Technology

### 7.3.4. Market size and forecast, by end use industry

### 7.3.5. Market share analysis, by country

### 7.3.6. Germany

#### 7.3.6.1. Socio-Economic & Micro-Macro Indicators

#### 7.3.6.2. Market size and forecast, by product type

#### 7.3.6.3. Market size and forecast, by technology

#### 7.3.6.4. Market size and forecast, by end use industry

### 7.3.7. France

#### 7.3.7.1. Socio-Economic & Micro-Macro Indicators

#### 7.3.7.2. Market size and forecast, by product type

#### 7.3.7.3. Market size and forecast, by technology

- 7.3.7.4. Market size and forecast, by end use industry
- 7.3.8. Italy
  - 7.3.8.1. Socio-Economic & Micro-Macro Indicators  
e ceramic coatings.
  - 7.3.8.2. Market size and forecast, by product type
  - 7.3.8.3. Market size and forecast, by technology
  - 7.3.8.4. Market size and forecast, by end use industry
- 7.3.9. Spain
  - 7.3.9.1. Socio-Economic & Micro-Macro Indicators
  - 7.3.9.2. Market size and forecast, by product type
  - 7.3.9.3. Market size and forecast, by technology
  - 7.3.9.4. Market size and forecast, by end use industry
- 7.3.10. UK
  - 7.3.10.1. Socio-Economic & Micro-Macro Indicators
  - 7.3.10.2. Market size and forecast, by product type
  - 7.3.10.3. Market size and forecast, by technology
  - 7.3.10.4. Market size and forecast, by end use industry
- 7.3.11. Russia
  - 7.3.11.1. Socio-Economic & Micro-Macro Indicators
  - 7.3.11.2. Market size and forecast, by product type
  - 7.3.11.3. Market size and forecast, by technology
  - 7.3.11.4. Market size and forecast, by end use industry
- 7.3.12. Rest of Europe
  - 7.3.12.1. Socio-Economic & Micro-Macro Indicators
  - 7.3.12.2. Market size and forecast, by product type
  - 7.3.12.3. Market size and forecast, by technology
  - 7.3.12.4. Market size and forecast, by end use industry
- 7.4. Asia-Pacific
  - 7.4.1. Key market trends, growth factors, and opportunities
  - 7.4.2. Market size and forecast, by Product Type
  - 7.4.3. Market size and forecast, by Technology
  - 7.4.4. Market size and forecast, by end use industry
  - 7.4.5. Market share analysis, by country
- 7.5. China
  - 7.5.1.1. Socio-Economic & Micro-Macro Indicators
  - 7.5.1.2. Market size and forecast, by product type
  - 7.5.1.3. Market size and forecast, by technology
  - 7.5.1.4. Market size and forecast, by end use industry
- 7.5.2. Japan

- 7.5.2.1. Socio-Economic & Micro-Macro Indicators
- 7.5.2.2. Market size and forecast, by product type
- 7.5.2.3. Market size and forecast, by technology
- 7.5.2.4. Market size and forecast, by end use industry
- 7.5.3. South Korea
  - 7.5.3.1. Socio-Economic & Micro-Macro Indicators
  - 7.5.3.2. Market size and forecast, by product type
  - 7.5.3.3. Market size and forecast, by technology
  - 7.5.3.4. Market size and forecast, by end use industry
- 7.5.4. India
  - 7.5.4.1. Socio-Economic & Micro-Macro Indicators
  - 7.5.4.2. Market size and forecast, by product type
  - 7.5.4.3. Market size and forecast, by technology
  - 7.5.4.4. Market size and forecast, by end use industry
- 7.5.5. Thailand
  - 7.5.5.1. Socio-Economic & Micro-Macro Indicators
  - 7.5.5.2. Market size and forecast, by product type
  - 7.5.5.3. Market size and forecast, by technology
  - 7.5.5.4. Market size and forecast, by end use industry
- 7.5.6. Rest of Asia-Pacific
  - 7.5.6.1. Socio-Economic & Micro-Macro Indicators
  - 7.5.6.2. Market size and forecast, by product type
  - 7.5.6.3. Market size and forecast, by technology
  - 7.5.6.4. Market size and forecast, by end use industry
- 7.6. LAMEA
  - 7.6.1. Key market trends, growth factors, and opportunities
  - 7.6.2. Market size and forecast, by Product Type
  - 7.6.3. Market size and forecast, by Technology
  - 7.6.4. Market size and forecast, by end use industry
  - 7.6.5. Market share analysis, by country
- 7.7. Brazil
  - 7.7.1.1 Socio-Economic & Micro-Macro Indicators
  - 7.7.1.2. Market size and forecast, by product type
  - 7.7.1.3. Market size and forecast, by technology
  - 7.7.1.4. Market size and forecast, by end use industry
- 7.7.2. Turkey
  - 7.7.2.1. Socio-Economic & Micro-Macro Indicators
  - 7.7.2.2. Market size and forecast, by product type
  - 7.7.2.3. Market size and forecast, by technology

- 7.7.2.4. Market size and forecast, by end use industry
- 7.7.3. South Africa
  - 7.7.3.1. Socio-Economic & Micro-Macro Indicators
  - 7.7.3.2. Market size and forecast, by product type
  - 7.7.3.3. Market size and forecast, by technology
  - 7.7.3.4. Market size and forecast, by end use industry
- 7.7.4. Rest of LAMEA
  - 7.7.4.1. Socio-Economic & Micro-Macro Indicators
  - 7.7.4.2. Market size and forecast, by product type
  - 7.7.4.3. Market size and forecast, by technology
  - 7.7.4.4. Market size and forecast, by end use industry

## **CHAPTER 8: COMPETITIVE LANDSCAPE**

- 8.1. INTRODUCTION
  - 8.1.1. MARKET PLAYER POSITIONING, 2018
- 8.2. TOP WINNING STRATEGIES
  - 8.2.1. Top winning strategies, by year
  - 8.2.2. Top winning strategies, by development
  - 8.2.3. Top winning strategies, by company
- 8.3. PRODUCT MAPPING OF TOP 10 PLAYER
- 8.4. COMPETITIVE HEATMAP
- 8.5. KEY DEVELOPMENTS
  - 8.5.1. New Mergers
  - 8.5.2. Expansions
  - 8.5.3. Acquisition

## **CHAPTER 9: COMPANY PROFILES: HIGH PERFORMANCE CERAMIC COATINGS MARKET**

- 9.1. A&A Thermal Spray Coatings, Inc.
  - 9.1.1. Company Overview
  - 9.1.2. Company Snapshot
  - 9.1.3. Operating Business segments and Product Portfolio
- 9.2. APS Material, Inc.
  - 9.2.1. Company Overview
  - 9.2.2. Key Executives
  - 9.2.3. Company Snapshot
  - 9.2.4. Operating Business Segment and Product Portfolio

- 9.3. Aremco Products, Inc
  - 9.3.1. Company Overview
  - 9.3.2. Company Snapshot
  - 9.3.3. Operating Business Segments and Product Portfolio
- 9.4. A.W. Chesterton Company
  - 9.4.1. Company Overview
  - 9.4.2. Company Snapshot
  - 9.4.3. Operating Business Segment and Product Portfolio
  - 9.4.4. Key Strategic Move and Developments
- 9.5. Bodycote Plc.
  - 9.5.1. Company overview
  - 9.5.2. Key Executives
  - 9.5.3. Company snapshot
  - 9.5.4. Operating Business Segments and Product Portfolio
  - 9.5.5. Business Performance
  - 9.5.6. Key Strategic Moves and Developments
- 9.6. DuPont de Nemours, Inc
  - 9.6.1. Company Overview
  - 9.6.2. Key Executives
  - 9.6.3. Company Snapshot
  - 9.6.4. Operating Segments and Product Portfolio
  - 9.6.5. Business Performance
  - 9.6.6. Key Strategic Moves and Developments
- 9.7. Integrated Global Services, Inc.
  - 9.7.1. Company Overview
  - 9.7.2. Company Snapshot
  - 9.7.3. Operating Business Segments and Product Portfolio
  - 9.7.4. Key Strategy and Developments
- 9.8. Kurt J. Lesker Company
  - 9.8.1. Company Overview
  - 9.8.2. Key Executives
  - 9.8.3. Company Snapshot
  - 9.8.4. Operating Business Segment and Product Portfolio
  - 9.8.5. Business Performance
- 9.9. Linde plc
  - 9.9.1. Company Overview
  - 9.9.2. Key Executives
  - 9.9.3. Company Snapshot
  - 9.9.4. Operating Business Segments and Product Portfolio

9.9.5. Business Performance

9.9.6. Key Strategic Moves and Developments

9.10. Saint Gobain S.A.

9.10.1. Company overview

9.10.2. Key Executives

9.10.3. Company snapshot

9.10.4. Operating Business Segments & Product Portfolio

9.10.5. Business Performance

9.10.6. Key Strategic Moves and Developments

9.11. Other Key Player Profile

9.11.1. Key player snapshot

## List Of Tables

### LIST OF TABLES

TABLE 01. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026 (\$MILLION)

TABLE 02. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026 (MILLION LITRES)

TABLE 03. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR OXIDE COATINGS, BY REGION 2018-2026 (\$MILLION)

TABLE 04. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR NITRIDE COATINGS, BY REGION 2018-2026 (\$MILLION)

TABLE 05. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR CARBIDE COATINGS, BY REGION 2018-2026 (\$MILLION)

TABLE 06. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026 (\$MILLION)

TABLE 07. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026 (MILLION LITRES)

TABLE 08. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR THERMAL SPRAY, BY REGION 2018-2026 (\$MILLION)

TABLE 09. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR PHYSICAL VAPOR DEPOSITION, BY REGION 2018-2026 (\$MILLION)

TABLE 10. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR CHEMICAL VAPOR DEPOSITION, BY REGION 2018-2026 (\$MILLION)

TABLE 11. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR OTHER TECHNOLOGIES, BY REGION 2018-2026 (\$MILLION)

TABLE 12. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, BY END USE INDUSTRY, 2018-2026 (\$MILLION)

TABLE 13. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, BY END USE INDUSTRY, 2018-2026 (MILLION LITRES)

TABLE 14. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR AUTOMOTIVE, BY REGION 2018-2026(\$MILLION)

TABLE 15. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR AEROSPACE & DEFENSE, BY REGION 2018-2026(\$MILLION)

TABLE 16. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR GENERAL INDUSTRIAL TOOLS & MACHINERY, BY REGION 2018-2026(\$MILLION)

TABLE 17. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR HEALTHCARE, BY REGION 2018-2026(\$MILLION)

TABLE 18. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE FOR



OTHERS, BY REGION 2018-2026(\$MILLION)

TABLE 19. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY REGION, 2017-2025(\$MILLION)

TABLE 20. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY REGION, 2017-2025 (MILLION LITRES)

TABLE 21. NORTH AMERICA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 22. NORTH AMERICA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 23. NORTH AMERICA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 24. NORTH AMERICA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018-2026(\$MILLION)

TABLE 25. U.S. HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 26. U.S. HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 27. U.S. HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 28. CANADA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 29. CANADA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 30. CANADA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 31. MEXICO HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 32. MEXICO HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 33. MEXICO HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 34. EUROPE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 35. EUROPE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 36. EUROPE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 37. EUROPE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)



TABLE 38. EUROPE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018-2026(\$MILLION)

TABLE 39. GERMANY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 40. GERMANY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 41. GERMANY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 42. FRANCE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 43. FRANCE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 44. FRANCE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 45. ITALY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 46. ITALY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 47. ITALY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 48. SPAIN HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 49. SPAIN HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 50. SPAIN HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 51. UK HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 52. UK HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 53. UK HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 54. RUSSIA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 55. RUSSIA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 56. RUSSIA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 57. REST OF EUROPE HIGH PERFORMANCE CERAMIC COATINGS

MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 58. REST OF EUROPE HIGH PERFORMANCE CERAMIC COATINGS

MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 59. REST OF EUROPE HIGH PERFORMANCE CERAMIC COATINGS

MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 60. ASIA-PACIFIC HIGH PERFORMANCE CERAMIC COATINGS MARKET,  
BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 61. ASIA-PACIFIC HIGH PERFORMANCE CERAMIC COATINGS MARKET,  
BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 62. ASIA-PACIFIC HIGH PERFORMANCE CERAMIC COATINGS MARKET,  
BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 63. ASIA-PACIFIC HIGH PERFORMANCE CERAMIC COATINGS MARKET,  
BY COUNTRY, 2018-2026(\$MILLION)

TABLE 64. CHINA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY  
PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 65. CHINA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY  
TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 66. CHINA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END  
USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 67. JAPAN HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY  
PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 68. JAPAN HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY  
TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 69. JAPAN HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END  
USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 70. SOUTH KOREA HIGH PERFORMANCE CERAMIC COATINGS MARKET,  
BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 71. SOUTH KOREA HIGH PERFORMANCE CERAMIC COATINGS MARKET,  
BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 72. SOUTH KOREA HIGH PERFORMANCE CERAMIC COATINGS MARKET,  
BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 73. INDIA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY  
PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 74. INDIA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY  
TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 75. INDIA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END  
USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 76. THAILAND HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY  
PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 77. THAILAND HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 78. THAILAND HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 79. REST OF ASIA-PACIFIC HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 80. REST OF ASIA-PACIFIC HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 81. REST OF ASIA-PACIFIC HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 82. LAMEA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 83. LAMEA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 84. LAMEA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 85. LAMEA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018-2026(\$MILLION)

TABLE 86. BRAZIL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 87. BRAZIL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 88. BRAZIL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 89. TURKEY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 90. TURKEY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 91. TURKEY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 92. SOUTH AFRICA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 93. SOUTH AFRICA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 94. SOUTH AFRICA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 95. REST OF LAMEA HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026(\$MILLION)

TABLE 96. REST OF LAMEA HIGH PERFORMANCE CERAMIC COATINGS

MARKET, BY TECHNOLOGY, 2018-2026(\$MILLION)

TABLE 97. REST OF LAMEA HIGH PERFORMANCE CERAMIC COATINGS

MARKET, BY END USE INDUSTRY, 2018-2026(\$MILLION)

TABLE 98. KEY MERGERS (2015-2019)

TABLE 99. KEY EXPANSIONS (2015-2019)

TABLE 100. KEY MERGERS AND ACQUISITION (2015-2019)

## List Of Figures

### LIST OF FIGURES

FIGURE 01. KEY MARKET SEGMENTS

FIGURE 02. EXECUTIVE SUMMARY

FIGURE 03. TOP INVESTMENT POCKETS

FIGURE 04. VALUE CHAIN ANALYSIS

FIGURE 05. PATENT ANALYSIS, BY REGION

FIGURE 06. HIGH PERFORMANCE CERAMIC COATINGS MARKET DYNAMICS

FIGURE 07. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY PRODUCT TYPE, 2018-2026

FIGURE 08. COMPARATIVE SHARE ANALYSIS OF OXIDE COATINGS HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

FIGURE 09. COMPARATIVE SHARE ANALYSIS OF NITRIDE COATINGS HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

FIGURE 10. COMPARATIVE SHARE ANALYSIS OF CARBIDE COATINGS HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

FIGURE 11. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY TECHNOLOGY, 2018-2026

FIGURE 12. COMPARATIVE SHARE ANALYSIS OF THERMAL SPRAY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

FIGURE 13. COMPARATIVE SHARE ANALYSIS OF PHYSICAL VAPOR DEPOSITION HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

FIGURE 14. COMPARATIVE SHARE ANALYSIS OF CHEMICAL VAPOR DEPOSITION HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

FIGURE 15. COMPARATIVE SHARE ANALYSIS OF OTHER TECHNOLOGIES HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

FIGURE 16. GLOBAL HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY END USE INDUSTRY, 2018-2026

FIGURE 17. COMPARATIVE SHARE ANALYSIS OF AUTOMOTIVE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

FIGURE 18. COMPARATIVE SHARE ANALYSIS OF AEROSPACE & DEFENSE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

FIGURE 19. COMPARATIVE SHARE ANALYSIS OF GENERAL INDUSTRIAL TOOLS & MACHINERY HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)

- FIGURE 20. COMPARATIVE SHARE ANALYSIS OF HEALTHCARE HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)
- FIGURE 21. COMPARATIVE SHARE ANALYSIS OF OTHERS HIGH PERFORMANCE CERAMIC COATINGS MARKET, BY COUNTRY, 2018 & 2026 (%)
- FIGURE 22. U.S. HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 23. CANADA HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 24. MEXICO HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 25. GERMANY HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 26. FRANCE HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 27. ITALY HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 28. SPAIN HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 29. UK HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 30. RUSSIA HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 31. REST OF EUROPE HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 32. CHINA HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 33. JAPAN HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 34. SOUTH KOREA HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 35. INDIA HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 36. THAILAND HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 37. REST OF ASIA-PACIFIC HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 38. BRAZIL HIGH PERFORMANCE CERAMIC COATINGS MARKET REVENUE, 2018-2026(\$MILLION)
- FIGURE 39. TURKEY HIGH PERFORMANCE CERAMIC COATINGS MARKET

REVENUE, 2018-2026(\$MILLION)

FIGURE 40. SOUTH AFRICA HIGH PERFORMANCE CERAMIC COATINGS MARKET  
REVENUE, 2018-2026(\$MILLION)

FIGURE 41. REST OF LAMEA HIGH PERFORMANCE CERAMIC COATINGS  
MARKET REVENUE, 2018-2026(\$MILLION)

FIGURE 42. MARKET PLAYER POSITIONING, 2018

FIGURE 43. TOP WINNING STRATEGIES, BY YEAR, 2015–2019

FIGURE 44. TOP WINNING STRATEGIES, BY DEVELOPMENT, 2015–2019 (%)

FIGURE 45. TOP WINNING STRATEGIES, BY COMPANY, 2015–2019

FIGURE 46. PRODUCT MAPPING OF TOP 10 PLAYERS

FIGURE 47. COMPETITIVE HEATMAP OF KEY PLAYERS



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