

Global High Performance Alloys Market: Size, Trends & Forecasts (2019-2023)

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Abstracts

The report entitled “Global High Performance Alloys Market: Size, Trends & Forecasts (2019-2023)” provides an in-depth analysis of the high performance alloys market including detailed description of market sizing and growth. The report provides an analysis of the high performance alloys market by value, material and type. The report also includes regional analysis of the high performance alloys market for the following regions: North America, Europe, Asia Pacific and ROW.

Moreover, the report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall high performance alloys market has also been forecasted for the period 2019-2023, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

The major players dominating the high performance alloys market are Carpenter Technology Corporation, Allegheny Technologies Incorporated (ATI), Berkshire Hathaway Inc. (Precision Castparts Corp.) and VSMPO-AVISMA Corporation. The four companies have been profiled in the report providing detailed analysis of their financial information and business strategies.

Country Coverage

1. North America
2. Europe
3. Asia Pacific
4. ROW

Company Coverage

1. Carpenter Technology Corporation
2. Allegheny Technologies Incorporated (ATI)
3. Berkshire Hathaway Inc. (Precision Castparts Corp.)
4. VSMPO-AVISMA Corporation

Executive Summary

High performance alloys are alloys that possess certain special characteristics such as outstanding mechanical energy, resistance to corrosion, good surface stability, etc. Such kind of alloys respond well to heat treating and exhibit excellent oxidation resistance.

Some of the major product forms in which high performance alloys are available include hot rolled plate and sheet, ingots and billet for open and closed die forgings and extrusions, forged round and rectangular billet and bar, etc.

High performance alloys have been segmented on the basis of material, alloy type and industry vertical. On the basis of material, high performance alloys have been divided into aluminum, magnesium, titanium and other. Based on alloy type, high performance alloys have been segregated into wrought and cast. Major industries that use high performance alloys include aerospace, industrial gas turbine, automotive, oil & gas, electrical & electronics and others.

The global high performance alloys market has witnessed continuous growth in the past few years and is projected to grow even further during the forecast period (2019-2023). The market is expected to be driven by various growth enhancing factors such as growing defense sector, rising aircraft manufacturing, increasing use in electronics sector, etc. However, the market is not free from challenges that are hindering its growth. Some of the major challenges faced by the market are high cost and government regulations for raw material extraction.

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

2.1 High Performance Alloys: An Overview

- 2.1.1 High Performance Alloys Materials
- 2.1.2 High Performance Alloy Characteristics
- 2.1.3 Applications of High Performance Alloys
- 2.1.4 High Performance Alloy Product Forms

2.2 High Performance Alloys Segmentation: An Overview

- 2.2.1 High Performance Alloys Segmentation by Material and Alloy Type
- 2.2.2 High Performance Alloys Segmentation by Industry Vertical

3. GLOBAL MARKET ANALYSIS

3.1 Global Specialty Alloys Market: An Analysis

- 3.1.1 Global Specialty Alloys Market by Volume
- 3.1.2 Global Specialty Alloys Market Volume by End-User (Aerospace, Chemical Process Industry, Oil & Gas, Electric & Electronics, Automotive, Others)
- 3.1.3 Global Specialty Alloys Market Volume by Alloy Type (High Performance, Corrosion Resistant, Electric Alloys, Heat Resistant)

3.2 Global High Performance Alloys Market: An Analysis

- 3.2.1 Global High Performance Alloys Market by Value
- 3.2.2 Global High Performance Alloys Market by Region (North America, Europe, Asia Pacific, ROW)
- 3.2.3 Global High Performance Alloys Market by Material (Aluminum, Titanium, Magnesium, Others)

- 3.2.4 Global High Performance Alloys Market by Type (Wrought, Cast)

3.3 Global High Performance Alloys Market: Material Analysis

- 3.3.1 Global Aluminum High Performance Alloys Market by Value
- 3.3.2 Global Titanium High Performance Alloys Market by Value
- 3.3.3 Global Magnesium High Performance Alloys Market by Value
- 3.3.4 Global Other High Performance Alloys Market by Value

3.4 Global High Performance Alloys Market: Type Analysis

- 3.4.1 Global Wrought High Performance Alloys Market by Value
- 3.4.2 Global Cast High Performance Alloys Market by Value

4. REGIONAL MARKET ANALYSIS

4.1 North America High Performance Alloys Market: An Analysis

4.1.1 North America High Performance Alloys Market by Value

4.2 Europe High Performance Alloys Market: An Analysis

4.2.1 Europe High Performance Alloys Market by Value

4.3 Asia Pacific High Performance Alloys Market: An Analysis

4.3.1 Asia Pacific High Performance Alloys Market by Value

4.4 ROW High Performance Alloys Market: An Analysis

4.4.1 ROW High Performance Alloys Market by Value

5. MARKET DYNAMICS

5.1 Growth Drivers

5.1.1 Growing Construction Spending

5.1.2 Urbanization

5.1.3 Growing Defense Sector

5.1.4 Rising Aircraft Manufacturing

5.1.5 Increasing Use in Electronics Sector

5.2 Challenges

5.2.1 High Cost

5.2.2 Government Regulations for Raw Material Extraction

5.3 Market Trends

5.3.1 Recycling of High Performance Alloys

5.3.2 Technological Advancement

6. COMPETITIVE LANDSCAPE

6.1 Global High Performance Alloys Market Players: Financial Comparison

7. COMPANY PROFILES

7.1 Carpenter Technology Corporation

7.1.1 Business Overview

7.1.2 Financial Overview

7.1.3 Business Strategy

7.2 Allegheny Technologies Incorporated (ATI)

7.2.1 Business Overview

7.2.2 Financial Overview

7.2.3 Business Strategy

7.3 Berkshire Hathaway Inc. (Precision Castparts Corp.)

7.3.1 Business Overview

7.3.2 Financial Overview

7.3.3 Business Strategy

7.4 VSMPO-AVISMA Corporation

7.4.1 Business Overview

7.4.2 Financial Overview

7.4.3 Business Strategy

List Of Figures

LIST OF FIGURES

Figure 1: High Performance Alloys Materials

Figure 2: High Performance Alloy Characteristics

Figure 3: Applications of High Performance Alloys

Figure 4: High Performance Alloy Product Forms

Figure 5: High Performance Alloys Segmentation by Material and Alloy Type

Figure 6: High Performance Alloys Segmentation by Industry Vertical

Figure 7: Global Specialty Alloys Market by Volume; 2014-2018 (Thousand Tonnes)

Figure 8: Global Specialty Alloys Market by Volume; 2019-2023 (Thousand Tonnes)

Figure 9: Global Specialty Alloys Market Volume by End-User; 2018 (Percentage, %)

Figure 10: Global Specialty Alloys Market Volume by Alloy Type; 2018 (Percentage, %)

Figure 11: Global High Performance Alloys Market by Value; 2017-2018 (US\$ Billion)

Figure 12: Global High Performance Alloys Market by Value; 2019-2023 (US\$ Billion)

Figure 13: Global High Performance Alloys Market by Region; 2018 (Percentage, %)

Figure 14: Global High Performance Alloys Market by Material; 2018 (Percentage, %)

Figure 15: Global High Performance Alloys Market by Type; 2018 (Percentage, %)

Figure 16: Global Aluminum High Performance Alloys Market by Value; 2017-2018 (US\$ Billion)

Figure 17: Global Aluminum High Performance Alloys Market by Value; 2019-2023 (US\$ Billion)

Figure 18: Global Titanium High Performance Alloys Market by Value; 2017-2018 (US\$ Billion)

Figure 19: Global Titanium High Performance Alloys Market by Value; 2019-2023 (US\$ Billion)

Figure 20: Global Magnesium High Performance Alloys Market by Value; 2017-2018 (US\$ Billion)

Figure 21: Global Magnesium High Performance Alloys Market by Value; 2019-2023 (US\$ Billion)

Figure 22: Global Other High Performance Alloys Market by Value; 2017-2018 (US\$ Billion)

Figure 23: Global Other High Performance Alloys Market by Value; 2019-2023 (US\$ Billion)

Figure 24: Global Wrought High Performance Alloys Market by Value; 2017-2018 (US\$ Billion)

Figure 25: Global Wrought High Performance Alloys Market by Value; 2019-2023 (US\$ Billion)

Figure 26: Global Cast High Performance Alloys Market by Value; 2017-2018 (US\$ Billion)

Figure 27: Global Cast High Performance Alloys Market by Value; 2019-2023 (US\$ Billion)

Figure 28: North America High Performance Alloys Market by Value; 2018-2023 (US\$ Billion)

Figure 29: Europe High Performance Alloys Market by Value; 2018-2023 (US\$ Billion)

Figure 30: Asia Pacific High Performance Alloys Market by Value; 2018-2023 (US\$ Billion)

Figure 31: ROW High Performance Alloys Market by Value; 2018-2023 (US\$ Billion)

Figure 32: Global Construction Spending; 2014-2025 (US\$ Trillion)

Figure 33: Global Urbanization Rates by Region; 2010-2040 (Percentage, %)

Figure 34: Global Military Expenditure by Region; 2017-2018 (US\$ Billion)

Figure 35: Global Aircraft Manufacturing Market; 2017-2022 (US\$ Billion)

Figure 36: Global Electronics Components Total Available Market (TAM); 2014-2018 (US\$ Billion)

Figure 37: Carpenter Technology Corporation Net Sales; 2014-2018 (US\$ Billion)

Figure 38: Carpenter Technology Corporation Net Sales by Segments; 2018 (Percentage, %)

Figure 39: Carpenter Technology Corporation Net Sales by Region; 2018 (Percentage, %)

Figure 40: Allegheny Technologies Incorporated (ATI) Sales; 2014-2018 (US\$ Billion)

Figure 41: Allegheny Technologies Incorporated (ATI) Sales by Segments; 2018 (Percentage, %)

Figure 42: Allegheny Technologies Incorporated (ATI) Sales by Region; 2018 (Percentage, %)

Figure 43: Berkshire Hathaway Inc. Revenue; 2014-2018 (US\$ Billion)

Figure 44: Berkshire Hathaway Inc. Revenue by Segments; 2018 (Percentage, %)

Figure 45: VSMPO-AVISMA Corporation Revenue; 2014-2018 (US\$ Billion)

Figure 46: VSMPO-AVISMA Corporation Revenue by Region; 2018 (Percentage, %)

Table 1: Global High Performance Alloys Market Players Financial Comparison; 2018

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