

High Performance Alloys Market by Alloy Type (Wrought, Cast), by Product Type (Non-Ferrous Alloys, Refractory Alloys), by Alloying Element (Aluminum, Titanium, Magnesium), by Application (Aerospace, Industrial, Automotive), & Geography - Global Forecast to 2020

<https://marketpublishers.com/r/H9803545A4FEN.html>

Date: November 2015

Pages: 237

Price: US\$ 5,650.00 (Single User License)

ID: H9803545A4FEN

Abstracts

The high performance alloys market includes several types of alloying elements such as aluminum, titanium, magnesium, and others. The high performance alloys market has varied applications, such as aerospace, industrial, automotive, oil & gas, electronics & electrical, and others. High performance alloys offers a wide range of benefits such as lightweight, durability, corrosion resistance, and high tensile strength.

The market for high performance alloys is observed to be increasing. The North American region formed the largest market for high performance alloys, in terms of volume, having accounted for 472.02 KT in 2014. The Asia-Pacific region is projected to be the fastest-growing market for high performance alloys from 2015 to 2020. The global market for high performance alloys is projected to grow at a CAGR of 4.34% from 2015 to 2020, to reach USD 9,698.35 million by 2020.

The high performance alloys market will be driven by the demand from the end-user industry and technological advancements. High disposable income has enabled the end users to spend more on a range of new products offered to the aerospace, industrial, and automotive industries. Most importantly, the changing consumer preference has triggered the usage of high performance alloys in day-to-day life.

The high performance alloys market is dominated by several large players such as

Aperam SA (Luxembourg), Alcoa Inc. (U.S.), Allegheny Technologies Incorporated (U.S.), Carpenter Technology (U.S.), Haynes International Inc. (U.S.), Hitachi Metals Ltd. (Japan), Outokumpu (Finland), Precision Castparts Corporation (U.S.), Timken Company (U.S.), and VSMPO-AVISMA Corporation (Russia).

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 GEOGRAPHIC SCOPE
 - 1.3.2 PERIODIZATION CONSIDERED FOR THIS STUDY
- 1.4 CURRENCY CONSIDERED
- 1.5 UNIT CONSIDERED FOR THE STUDY
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
 - 2.1.2.2.1 Breakdown of primaries: by company type, designation & region
- 2.2 FACTOR ANALYSIS
 - 2.2.1 INTRODUCTION
 - 2.2.2 OVERVIEW OF THE PARENT INDUSTRY
 - 2.2.3 DEMAND-SIDE ANALYSIS
 - 2.2.3.1 Rising population
 - 2.2.3.1.1 Increase in middle-class population, 2009–2030
 - 2.2.3.2 Increasing urban population
 - 2.2.3.3 Developing economies, GDP (purchasing power parity), 2013
 - 2.2.4 SUPPLY-SIDE ANALYSIS
 - 2.2.4.1 Fluctuation in raw material prices
 - 2.2.4.2 Increasing investment in research & development to develop new and innovative technologies
- 2.3 MARKET SIZE ESTIMATION
- 2.4 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.5 RESEARCH ASSUMPTIONS
- 2.6 LIMITATIONS

3 EXECUTIVE SUMMARY

3.1 DEMAND FROM END-USER MARKETS TO DRIVE HIGH PERFORMANCE ALLOYS MARKET

3.2 EVOLUTION OF HIGH PERFORMANCE ALLOYS

3.3 HIGH PERFORMANCE ALLOYS MARKET

3.4 WROUGHT ALLOY IS WIDELY USED ACROSS THE HIGH PERFORMANCE ALLOYS INDUSTRY

3.5 ASIA-PACIFIC MARKET PROJECTED TO GROW AT THE HIGHEST RATE BETWEEN 2015 & 2020

3.6 LEADING MARKET PLAYERS ADOPTED INVESTMENTS & EXPANSIONS AS THE KEY STRATEGY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN THE HIGH PERFORMANCE ALLOYS MARKET

4.2 CHINA IS ESTIMATED TO CAPTURE THE LARGEST SHARE IN THE ASIA-PACIFIC HIGH PERFORMANCE ALLOYS MARKET IN 2015

4.3 ASIA-PACIFIC ESTIMATED TO DOMINATE THE HIGH PERFORMANCE ALLOYS MARKET IN 2015, IN TERMS OF VALUE

4.4 HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION, 2015 VS. 2020

4.5 HIGH PERFORMANCE ALLOYS MARKET: DEVELOPED VS. EMERGING MARKETS

4.6 ALUMINUM MARKET TO GROW AT THE HIGHEST RATE FROM 2015 TO 2020

4.7 HIGH PERFORMANCE ALLOYS MARKET LIFE CYCLE ANALYSIS, BY REGION, 2014

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 EVOLUTION OF HIGH PERFORMANCE ALLOYS MARKET

5.3 MARKET SEGMENTATION

5.3.1 HIGH PERFORMANCE ALLOYS MARKET, BY ALLOY TYPE

5.3.2 HIGH PERFORMANCE ALLOYS MARKET, BY PRODUCT TYPE

5.3.3 HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

5.3.4 HIGH PERFORMANCE ALLOYS MARKET, BY ALLOYING ELEMENT

5.4 MARKET DYNAMICS

5.4.1 DRIVERS

5.4.1.1 Growing demand from end-user industry

5.4.1.2 Technological advancements in the high performance alloys industry

5.4.2 RESTRAINTS

5.4.2.1 High initial capital investment required

5.4.3 OPPORTUNITIES

5.4.3.1 Demand for high performance alloys in emerging economies

5.4.4 CHALLENGES

5.4.4.1 Reducing greenhouse gas emissions

5.4.4.2 Fluctuating raw material prices

5.5 HIGH PERFORMANCE ALLOYS MARKET, PRICE ANALYSIS, 2014

5.5.1 HIGH PERFORMANCE ALLOYS MARKET, BY REGION, 2014

5.5.2 HIGH PERFORMANCE ALLOYS, BY ALLOY TYPE, 2014

5.5.3 HIGH PERFORMANCE ALLOYS, BY PRODUCT TYPE, 2014

5.5.4 HIGH PERFORMANCE ALLOYS, BY APPLICATION, 2014

5.5.5 HIGH PERFORMANCE ALLOYS, BY ALLOYING ELEMENT, 2014

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

6.3 RECENT TRENDS

6.4 PORTER'S FIVE FORCES ANALYSIS

6.4.1 THREAT OF NEW ENTRANTS

6.4.2 THREAT OF SUBSTITUTES

6.4.3 BARGAINING POWER OF SUPPLIERS

6.4.4 BARGAINING POWER OF BUYERS

6.4.5 INTENSITY OF COMPETITIVE RIVALRY

7 HIGH PERFORMANCE ALLOYS MARKET, BY ALLOY TYPE

7.1 INTRODUCTION

7.2 WROUGHT ALUMINUM ALLOY

7.2.1 WROUGHT ALLOY: HIGH PERFORMANCE ALLOYS MARKET, BY ALLOY TYPE

7.2.1.1 Non-ferrous alloys accounted for the largest market share in wrought alloy segment in 2014

7.3 CAST ALUMINUM ALLOY

7.3.1 CAST ALLOY: HIGH PERFORMANCE ALLOYS MARKET, BY ALLOY TYPE

7.3.1.1 Refractory alloys projected to grow at fastest rate in cast alloy segment

8 HIGH PERFORMANCE ALLOYS MARKET, BY PRODUCT TYPE

8.1 INTRODUCTION

8.2 NON-FERROUS ALLOYS

8.2.1 NON-FERROUS ALLOYS: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

8.2.1.1 Aerospace segment to be the biggest end user for non-ferrous alloys

8.3 REFRACTORY ALLOYS

8.3.1 REFRACTORY ALLOYS: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

8.3.1.1 Aerospace segment to be the biggest contributor to the refractory alloys market

8.4 OTHERS

8.4.1 OTHERS: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

8.4.1.1 Aerospace segment to dominate the others market

9 HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

9.1 INTRODUCTION

9.2 AEROSPACE

9.3 INDUSTRIAL

9.4 AUTOMOTIVE

9.5 OIL & GAS

9.6 ELECTRONIC & ELECTRICAL

9.7 OTHERS

10 HIGH PERFORMANCE ALLOYS MARKET, BY ALLOYING ELEMENT

10.1 INTRODUCTION

10.2 ALUMINUM

10.2.1 ALUMINUM: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

10.2.1.1 Aerospace segment to be the biggest end-user for aluminum

10.3 TITANIUM

10.3.1 TITANIUM: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

10.3.1.1 Aerospace segment to be the biggest contributor to the titanium market

10.4 MAGNESIUM

10.4.1 MAGNESIUM: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

10.5 OTHERS

10.5.1 OTHERS: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

11 HIGH PERFORMANCE ALLOYS MARKET, BY REGION

11.1 INTRODUCTION

11.2 GEOGRAPHIC SNAPSHOT (2015–2020): RAPIDLY GROWING MARKETS ARE EMERGING AS NEW HOT SPOTS

11.3 NORTH AMERICA

11.3.1 REGULATIONS IN NORTH AMERICA

11.3.2 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET, BY COUNTRY

11.3.3 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET, BY COUNTRY

11.3.3.1 U.S. dominated the high performance alloys market in North America

11.3.4 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET, BY PRODUCT TYPE

11.3.4.1 Market for non-ferrous alloys accounted for the largest share in high performance alloys market in North America

11.3.5 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET, BY ALLOY TYPE

11.3.5.1 Market for wrought alloy accounted for the largest share in North America

11.3.6 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET, BY ALLOYING ELEMENT

11.3.6.1 Demand for titanium as an alloying element to drive the North American market

11.3.7 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

11.3.7.1 Aerospace dominated the North American high performance alloys market

11.3.8 U.S.

11.3.8.1 U.S.: High performance alloys market, by product type

11.3.8.1.1 Refractory alloys to grow at the highest CAGR in the U.S. market

11.3.8.2 U.S.: High performance alloys market, by alloy type

11.3.8.2.1 Cast alloy to grow at the highest CAGR in the U.S. market

11.3.8.3 U.S.: high performance alloys market, by alloying element

11.3.8.3.1 Aluminum as an alloying element to grow at the highest CAGR in the U.S. market

11.3.9 U.S.: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

11.3.9.1 Aerospace segment to be the second-fastest-growing market in the U.S.

11.3.10 CANADA

11.3.10.1 Canada: High performance alloys market, by product type

11.3.10.1.1 Growing demand from end-use market is expected to drive the market

for high performance alloys market in Canada

11.3.10.2 Canada: high performance alloys market, by alloy type

11.3.10.2.1 Wrought alloy as an alloy type has the largest market share in the Canadian market

11.3.10.3 Canada: high performance alloys market, by alloying element

11.3.10.3.1 Titanium as an alloying element is the second fastest-growing segment in the Canadian market

11.3.10.4 Canada: high performance alloys market, by application

11.3.10.4.1 Aerospace is the fastest-growing segment in the Canadian market

11.3.11 MEXICO

11.3.11.1 Mexico: High performance alloys market, by product type

11.3.11.1.1 Non-ferrous alloys dominated the Mexican market

11.3.11.2 Mexico: High performance alloys market, by alloy type

11.3.11.2.1 Wrought alloy dominated the Mexican high performance alloys market

11.3.11.3 Mexico: high performance alloys market, by alloying element

11.3.11.3.1 Aluminum as an alloying element to be the fastest-growing segment in the Mexican market

11.3.11.4 Mexico: high performance alloys market, by application

11.3.11.4.1 Industrial segment to grow at the second-highest CAGR in the Mexican market

11.4 EUROPE

11.4.1 REGULATIONS IN EUROPE

11.4.2 EUROPE: HIGH PERFORMANCE ALLOYS MARKET, BY COUNTRY

11.4.2.1 Germany dominated the high performance alloys market in the European region in 2014

11.4.3 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE

11.4.3.1 The non-ferrous alloys segment is estimated to be the largest in the European high performance market in 2015

11.4.4 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE

11.4.4.1 The wrought alloy segment is estimated to be the largest in the European market in 2015

11.4.5 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT

11.4.5.1 Aluminum as an alloying element is projected to grow at the highest CAGR from 2015 to 2020

11.4.6 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION

11.4.6.1 Aerospace industry to drive the European high performance alloys market

11.4.7 GERMANY

- 11.4.7.1 Germany: high performance alloys market size, by product type
 - 11.4.7.1.1 Non-ferrous alloys projected to be the fastest-growing segment in Germany
- 11.4.7.2 Germany: high performance alloys market size, by alloy type
 - 11.4.7.2.1 Cast alloy is projected to be the fastest-growing segment in Germany
- 11.4.7.3 Germany: high performance alloys market size, by alloying element
 - 11.4.7.3.1 Aluminum as an alloying element projected to witness growth in Germany's high performance alloys market
- 11.4.7.4 Germany: high performance alloys market size, by application
 - 11.4.7.4.1 Aerospace to be the fastest-growing segment in Germany
- 11.4.8 U.K.
 - 11.4.8.1 U.K.: high performance alloys market size, by product type
 - 11.4.8.1.1 Non-ferrous alloys accounted for the largest share of the high performance alloys market in 2014
 - 11.4.8.2 U.K.: high performance alloys market size, by alloy type
 - 11.4.8.2.1 Wrought alloy accounted for the largest share of the high performance alloys market in 2014
 - 11.4.8.3 U.K.: high performance alloys market size, by alloying element
 - 11.4.8.3.1 Aluminum as an alloying element is projected to grow at a high growth rate in the U.K. market
 - 11.4.8.4 U.K.: high performance alloys market size, by application
 - 11.4.8.4.1 Aerospace to be the fastest-growing segment in the U.K.
- 11.4.9 RUSSIA
 - 11.4.9.1 Russia: high performance alloys market size, by product type
 - 11.4.9.1.1 Non-ferrous alloys dominated the high performance alloys market in Russia
 - 11.4.9.2 Russia: high performance alloys market size, by alloy type
 - 11.4.9.2.1 Wrought alloy dominated the market in the U.K.
 - 11.4.9.3 Russia: high performance alloys market size, by alloying element
 - 11.4.9.3.1 Aluminum as an alloying element projected to grow at the highest CAGR from 2015 to 2020
 - 11.4.9.4 Russia: high performance alloys market size, by application
 - 11.4.9.4.1 Aerospace segment projected to grow at the highest rate
- 11.4.10 FRANCE
 - 11.4.10.1 France: high performance alloys market size, by product type
 - 11.4.10.1.1 Non-ferrous alloys accounted for the largest share in France in 2014
 - 11.4.10.2 France: high performance alloys market size, by alloy type
 - 11.4.10.2.1 Wrought accounted for the largest share in France in 2014
 - 11.4.10.3 France: high performance alloys market size, by alloying element

11.4.10.3.1 Magnesium as an alloying element projected to grow at a comparatively lower rate in France

11.4.10.4 France: high performance alloys market size, by application

11.4.10.4.1 Aerospace segment projected to witness the highest growth in France

11.4.11 REST OF EUROPE

11.4.11.1 Rest of Europe: High performance alloys market, by product type

11.4.11.2 Rest of Europe: High performance alloys market, by alloy type

11.4.11.3 Rest of Europe: high performance alloys market, by alloying element

11.4.11.4 Rest of Europe: high performance alloys market, by application

11.5 ASIA-PACIFIC

11.5.1 REGULATIONS IN ASIA-PACIFIC

11.5.2 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET, BY COUNTRY

11.5.2.1 China and Japan will see remarkable growth in the high performance alloys market

11.5.3 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET, BY PRODUCT TYPE

11.5.3.1 Non-ferrous alloys has the largest market share in Asia-Pacific

11.5.4 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET, BY ALLOY TYPE

11.5.4.1 Cast alloy projected to grow at the highest CAGR in Asia-Pacific

11.5.5 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET, BY ALLOYING ELEMENT

11.5.5.1.1 Aluminum as an alloying element is projected to lead the market in Asia-Pacific

11.5.6 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

11.5.6.1 Aerospace to be the fastest-growing segment in Asia-Pacific

11.5.7 CHINA

11.5.7.1 China: high performance alloys market, by product type

11.5.7.1.1 Refractory alloys to be the fastest-growing segment in China

11.5.7.2 China: high performance alloys market, by alloy type

11.5.7.2.1 Cast alloy to be the fastest-growing segment in China

11.5.7.3 China: high performance alloys market, by alloying element

11.5.7.3.1 Aluminum as an alloying element dominated the market in China in 2014

11.5.7.4 China: high performance alloys market, by application

11.5.7.4.1 Aerospace segment accounted for the largest share in China in 2014

11.5.8 JAPAN

11.5.8.1 Japan: high performance alloys market, by product type

11.5.8.1.1 Non-ferrous alloys find wide application in Japan

11.5.8.2 Japan: high performance alloys market, by alloy type

11.5.8.2.1 Wrought alloy finds wide application in Japan

11.5.8.3 Japan: high performance alloys market, by alloying element

11.5.8.3.1 Magnesium as an alloying element accounted for the second-largest share in Japan's market

11.5.8.4 Japan: high performance alloys market, by application

11.5.8.4.1 Aerospace segment accounted for the largest share in Japan's market

11.5.9 INDIA

11.5.9.1 India: high performance alloys market, by product type

11.5.9.1.1 Refractory alloys segment projected to grow at the highest CAGR

11.5.9.2 India: high performance alloys market, by alloy type

11.5.9.2.1 Cast alloy projected to grow at the highest CAGR

11.5.9.3 India: high performance alloys market, by alloying element

11.5.9.3.1 Magnesium as an alloying element segment projected to grow at relatively low rate

11.5.9.4 India: high performance alloys market, by application

11.5.9.4.1 Application of high performance alloys in industrial sector accounted for the second-largest share

11.5.10 REST OF ASIA-PACIFIC

11.5.10.1 Rest of Asia-Pacific: high performance alloys market, by product type

11.5.10.2 Rest of Asia-Pacific: high performance alloys market, by alloy type

11.5.10.3 Rest of Asia-Pacific: high performance alloys market, by alloying element

11.5.10.4 Rest of Asia-Pacific: high performance alloys market, by application

11.6 REST OF THE WORLD

11.6.1 REGULATIONS IN THE REST OF THE WORLD

11.6.2 ROW: HIGH PERFORMANCE ALLOYS MARKET, BY COUNTRY

11.6.3 ROW: HIGH PERFORMANCE ALLOYS MARKET, BY PRODUCT TYPE

11.6.3.1 Refractory alloys as alloying element to grow at the highest CAGR from 2015 to 2020

11.6.4 ROW: HIGH PERFORMANCE ALLOYS MARKET, BY ALLOY TYPE

11.6.4.1 Wrought alloy segment to grow at a considerable rate in the row market

11.6.5 ROW: HIGH PERFORMANCE ALLOYS MARKET, BY ALLOYING ELEMENT

11.6.5.1 Aluminum as an alloying element to grow at the highest CAGR from 2015 to 2020

11.6.6 ROW: HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

11.6.6.1 Oil & gas segment projected to grow at a relatively low CAGR from 2015 to 2020

11.6.7 BRAZIL

11.6.7.1 Brazil: High performance alloys market, by product type

11.6.7.1.1 Demand from end-use market is projected to drive the non-ferrous alloys market in Brazil

11.6.7.2 Brazil: high performance alloys market, by alloy type

11.6.7.2.1 Wrought alloy as an alloy type segment projected to grow at a lower rate

11.6.7.3 Brazil: high performance alloys market, by alloying element

11.6.7.3.1 Titanium as an alloying element segment projected to grow at a higher rate

11.6.7.4 Brazil: high performance alloys market, by application

11.6.7.4.1 Demand for aviation services projected to drive aerospace segment in Brazil

11.6.8 ARGENTINA

11.6.8.1 Argentina: high performance alloys market, by product type

11.6.8.1.1 Non-ferrous alloys segment accounted for the largest share in Argentina in 2014

11.6.8.2 Argentina: high performance alloys market, by alloy type

11.6.8.2.1 Wrought alloy segment accounted for the largest share in Argentina in 2014

11.6.8.3 Argentina: high performance alloys market, by alloying element

11.6.8.3.1 Titanium as an alloying element accounted for the second-largest share in Argentina in 2014

11.6.8.4 Argentina: high performance alloys market, by application

11.6.8.4.1 High performance alloys segment projected to grow at the highest rate in Argentina

11.6.9 SOUTH AFRICA

11.6.9.1 South Africa: high performance alloys market, by product type

11.6.9.1.1 Refractory alloys segment projected to grow at the highest rate in South Africa

11.6.9.2 South Africa: high performance alloys market, by alloy type

11.6.9.2.1 Cast alloy segment projected to grow at the highest rate in South Africa

11.6.9.3 South Africa: high performance alloys market, by alloying element

11.6.9.3.1 Aluminum as an alloying element accounted for the largest share in South Africa

11.6.9.4 South Africa: high performance alloys market, by application

11.6.9.4.1 Oil & gas segment projected to witness lower growth rate

11.6.10 OTHERS IN ROW

11.6.10.1 Others in row: high performance alloys market, by product type

11.6.10.2 Others in row: high performance alloys market, by alloy type

11.6.10.3 Others in row: high performance alloys market, by alloying element

11.6.10.4 Others in row: high performance alloys market, by application

12 COMPETITIVE LANDSCAPE

12.1 INTRODUCTION

12.2 STRATEGIC OVERVIEW

12.3 MARKET RANKING OF KEY PLAYERS IN THE HIGH PERFORMANCE ALLOYS MARKET (2015)

12.4 COMPETITIVE SITUATION AND TRENDS

12.4.1 AGREEMENTS

12.4.2 ACQUISITIONS

12.4.3 EXPANSION

12.4.4 JOINT VENTURES

12.4.5 NEW PRODUCT LAUNCHES

13 COMPANY PROFILES

(Company at a Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)*

13.1 INTRODUCTION

13.2 ALCOA INC.

13.3 PRECISION CASTPARTS CORP.

13.4 OUTOKUMPU

13.5 HITACHI METALS LTD.

13.6 APERAM SA

13.7 ALLEGHENY TECHNOLOGIES INCORPORATED

13.8 CARPENTER TECHNOLOGY

13.9 HAYNES INTERNATIONAL INC.

13.10 TIMKEN COMPANY

13.11 VSMPO-AVISMA CORPORATION

*Details on company at a glance, recent financials, products & services, strategies & insights, & recent developments might not be captured in case of unlisted companies.

14 APPENDIX

14.1 INSIGHTS OF INDUSTRY EXPERTS

14.2 DISCUSSION GUIDE

14.3 COMPANY DEVELOPMENTS

14.3.1 AGREEMENTS

14.3.2 ACQUISITIONS

14.3.3 EXPANSIONS

14.3.4 JOINT VENTURES

14.3.5 JOINT VENTURES

14.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

14.5 AVAILABLE CUSTOMIZATIONS

14.6 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 ASIA-PACIFIC: URBANIZATION PROSPECTS

Table 2 HIGH PERFORMANCE ALLOYS MARKET, BY ALLOY TYPE

Table 3 HIGH PERFORMANCE ALLOYS MARKET, BY PRODUCT TYPE

Table 4 HIGH PERFORMANCE ALLOYS MARKET, BY APPLICATION

Table 5 HIGH PERFORMANCE ALLOYS MARKET, BY ALLOYING ELEMENT

Table 6 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE,
2013–2020 (USD MILLION)

Table 7 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE,
2013–2020 (KT)

Table 8 HIGH PERFORMANCE WROUGHT ALLOYS MARKET SIZE, BY PRODUCT
TYPE, 2013–2020 (USD MILLION)

Table 9 HIGH PERFORMANCE WROUGHT ALLOYS MARKET SIZE, BY PRODUCT
TYPE, 2013–2020 (KT)

Table 10 HIGH PERFORMANCE CAST ALLOYS MARKET SIZE, BY PRODUCT
TYPE, 2013–2020 (USD MILLION)

Table 11 HIGH PERFORMANCE CAST ALLOYS MARKET SIZE, BY PRODUCT
TYPE, 2013–2020 (KT)

Table 12 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE,
2013–2020 (USD MILLION)

Table 13 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE,
2013–2020 (KT)

Table 14 HIGH PERFORMANCE NON-FERROUS ALLOYS MARKET SIZE, BY
APPLICATION, 2013–2020 (USD MILLION)

Table 15 HIGH PERFORMANCE NON-FERROUS ALLOYS MARKET SIZE, BY
APPLICATION, 2013–2020 (KT)

Table 16 HIGH PERFORMANCE REFRACTORY ALLOYS MARKET SIZE, BY
APPLICATION, 2013–2020 (USD MILLION)

Table 17 HIGH PERFORMANCE REFRACTORY ALLOYS MARKET SIZE, BY
APPLICATION, 2013–2020 (KT)

Table 18 OTHER HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION,
2013–2020 (USD MILLION)

Table 19 OTHER HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION,
2013–2020 (KT)

Table 20 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION,
2013–2020 (USD MILLION)

Table 21 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 22 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 23 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 24 HIGH PERFORMANCE ALUMINUM ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 25 HIGH PERFORMANCE ALUMINUM ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 26 HIGH PERFORMANCE TITANIUM ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 27 HIGH PERFORMANCE TITANIUM ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 28 HIGH PERFORMANCE MAGNESIUM ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 29 HIGH PERFORMANCE MAGNESIUM ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 30 OTHER HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 31 OTHER HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 32 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 33 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY REGION, 2013–2020 (KT)

Table 34 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 35 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY COUNTRY, 2013–2020 (KT)

Table 36 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 37 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 38 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 39 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 40 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY

ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 41 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 42 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 43 NORTH AMERICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 44 U.S.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 45 U.S.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 46 U.S.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 47 U.S.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 48 U.S.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 49 U.S.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 50 U.S.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 51 U.S.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 52 CANADA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 53 CANADA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 54 CANADA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 55 CANADA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 56 CANADA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 57 CANADA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 58 CANADA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 59 CANADA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 60 MEXICO: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 61 MEXICO: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 62 MEXICO: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 63 MEXICO: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 64 MEXICO: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 65 MEXICO: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 66 MEXICO: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 67 MEXICO: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 68 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 69 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY COUNTRY, 2013–2020 (KT)

Table 70 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 71 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 72 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 73 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 74 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 75 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 76 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 77 EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 78 GERMANY: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 79 GERMANY: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT

TYPE, 2013–2020 (KT)

Table 80 GERMANY: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 81 GERMANY: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 82 GERMANY: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 83 GERMANY: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 84 GERMANY: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 85 GERMANY: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 86 U.K.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 87 U.K.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 88 U.K.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 89 U.K.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 90 U.K.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 91 U.K.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 92 U.K.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 93 U.K.: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 94 RUSSIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 95 RUSSIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 96 RUSSIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 97 RUSSIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 98 RUSSIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 99 RUSSIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 100 RUSSIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 101 RUSSIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 102 FRANCE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 103 FRANCE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 104 FRANCE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 105 FRANCE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 106 FRANCE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 107 FRANCE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 108 FRANCE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 109 FRANCE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 110 REST OF EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 111 REST OF EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 112 REST OF EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 113 REST OF EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 114 REST OF EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 115 REST OF EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 116 REST OF EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 117 REST OF EUROPE: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 118 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY

COUNTRY, 2013–2020 (USD MILLION)

Table 119 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY COUNTRY, 2013–2020 (KT)

Table 120 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 121 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 122 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 123 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 124 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 125 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 126 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 127 ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 128 CHINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 129 CHINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 130 CHINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 131 CHINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 132 CHINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 133 CHINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 134 CHINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 135 CHINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 136 JAPAN: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 137 JAPAN: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 138 JAPAN: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 139 JAPAN: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 140 JAPAN: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 141 JAPAN: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 142 JAPAN: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 143 JAPAN: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 144 INDIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 145 INDIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 146 INDIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 147 INDIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 148 INDIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 149 INDIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 150 INDIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 151 INDIA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 152 REST OF ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 153 REST OF ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 154 REST OF ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 155 REST OF ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 156 REST OF ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 157 REST OF ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE,

BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 158 REST OF ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 159 REST OF ASIA-PACIFIC: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 160 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 161 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY COUNTRY, 2013–2020 (KT)

Table 162 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 163 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 164 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 165 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 166 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 167 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 168 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 169 ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 170 BRAZIL: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 171 BRAZIL: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 172 BRAZIL: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 173 BRAZIL: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 174 BRAZIL: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 175 BRAZIL: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 176 BRAZIL: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 177 BRAZIL: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 178 ARGENTINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 179 ARGENTINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 180 ARGENTINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 181 ARGENTINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 182 ARGENTINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 183 ARGENTINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 184 ARGENTINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 185 ARGENTINA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 186 SOUTH AFRICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 187 SOUTH AFRICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 188 SOUTH AFRICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (USD MILLION)

Table 189 SOUTH AFRICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 190 SOUTH AFRICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 191 SOUTH AFRICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 192 SOUTH AFRICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 193 SOUTH AFRICA: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 194 OTHERS IN ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (USD MILLION)

Table 195 OTHERS IN ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2013–2020 (KT)

Table 196 OTHERS IN ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY

ALLOY TYPE, 2013–2020 (USD MILLION)

Table 197 OTHERS IN ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2013–2020 (KT)

Table 198 OTHERS IN ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (USD MILLION)

Table 199 OTHERS IN ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2013–2020 (KT)

Table 200 OTHERS IN ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (USD MILLION)

Table 201 OTHERS IN ROW: HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2013–2020 (KT)

Table 202 RANK OF COMPANIES IN THE HIGH PERFORMANCE ALLOYS MARKET, 2015

Table 203 AGREEMENTS, 2013–2015

Table 204 ACQUISITIONS, 2013–2015

Table 205 EXPANSION, 2013–2015

Table 206 JOINT VENTURES, 2013–2015

Table 207 NEW PRODUCT LAUNCHES, 2013–2015

List Of Figures

LIST OF FIGURES

Figure 1 HIGH PERFORMANCE ALLOYS

Figure 2 RESEARCH DESIGN

Figure 3 GLOBAL POPULATION PROJECTED TO REACH 9.5 BILLION BY 2050

Figure 4 MIDDLE CLASS POPULATION, 2009–2030

Figure 5 PROJECTED GDP PER CAPITA, BY REGION

Figure 6 FLUCTUATION IN PRICE OF ALUMINUM FROM 2011 TO 2015

Figure 7 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 8 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 9 ASIA-PACIFIC PROJECTED TO GROW AT THE HIGHEST CAGR DUE TO RISING DEMAND FROM END-USER INDUSTRIES

Figure 10 HIGH PERFORMANCE ALLOYS MARKET SNAPSHOT, 2015 VS. 2020 (USD MILLION)

Figure 11 NORTH AMERICA ACCOUNTED FOR THE LARGEST SHARE IN 2014

Figure 12 KEY STRATEGIES OF VARIOUS COMPETITORS, 2012–2015

Figure 13 EMERGING ECONOMIES OFFER ATTRACTIVE OPPORTUNITIES IN THE HIGH PERFORMANCE ALLOYS MARKET

Figure 14 AEROSPACE THE TOP APPLICATION FOR HIGH PERFORMANCE ALLOYS IN 2015

Figure 15 CHINA IS PROJECTED TO BE THE FASTEST-GROWING COUNTRY-LEVEL MARKET IN ASIA-PACIFIC FOR HIGH PERFORMANCE ALLOYS

Figure 16 AEROSPACE SEGMENT IS EXPECTED TO GROW AT THE HIGHEST RATE FROM 2015 TO 2020

Figure 17 EMERGING MARKETS TO GROW AT A HIGHER RATE THAN DEVELOPED MARKETS BETWEEN 2015 AND 2020

Figure 18 ALUMINUM MARKET IN HIGH PERFORMANCE ALLOYS IS PROJECTED TO GROW AT THE HIGHEST RATE

Figure 19 HIGH PERFORMANCE ALLOYS MARKET IN ASIA-PACIFIC IS EXPERIENCING HIGH GROWTH

Figure 20 EVOLUTION OF HIGH PERFORMANCE ALLOYS

Figure 21 HIGH PERFORMANCE ALLOYS MARKET SEGMENTATION

Figure 22 RISING DEMAND FROM END-USE INDUSTRY IS THE KEY DRIVER FOR HIGH PERFORMANCE ALLOYS MARKET

Figure 23 HIGH PERFORMANCE ALLOYS PRICES, BY REGION, 2014 (USD PER KT)

Figure 24 HIGH PERFORMANCE ALLOYS PRICES, BY ALLOY TYPE, 2014 (USD

PER KT)

Figure 25 HIGH PERFORMANCE ALLOYS PRICES, BY PRODUCT TYPE, 2014 (USD PER KT)

Figure 26 HIGH PERFORMANCE ALLOYS PRICES, BY APPLICATION, 2014 (USD PER KT)

Figure 27 HIGH PERFORMANCE ALLOYS PRICES, BY ALLOYING ELEMENT, 2014 (USD PER KT)

Figure 28 MANUFACTURING PROCESS CONTRIBUTES THE MOST TO THE VALUE OF THE OVERALL HIGH PERFORMANCE ALLOYS MARKET

Figure 29 PORTER'S FIVE FORCES ANALYSIS

Figure 30 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOY TYPE, 2015 VS. 2020 (USD MILLION)

Figure 31 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY PRODUCT TYPE, 2015 VS. 2020 (USD MILLION)

Figure 32 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY APPLICATION, 2015 VS. 2020 (USD MILLION)

Figure 33 HIGH PERFORMANCE ALLOYS MARKET SIZE, BY ALLOYING ELEMENT, 2015 VS. 2020 (USD MILLION)

Figure 34 HIGH PERFORMANCE ALLOYS MARKET GROWTH ANALYSIS, 2015–2020

Figure 35 NORTH AMERICA: MARKET SNAPSHOT

Figure 36 ASIA-PACIFIC: MARKET SNAPSHOT

Figure 37 AGREEMENTS IS THE KEY GROWTH STRATEGY ADOPTED BY PLAYERS IN THE HIGH PERFORMANCE ALLOYS MARKET (2012-2015)

Figure 38 BATTLE FOR MARKET SHARE: AGREEMENTS, ACQUISITIONS, EXPANSIONS & JOINT VENTURES, AND NEW PRODUCT LAUNCHES WERE THE KEY STRATEGIES ADOPTED BY PLAYERS, JANUARY 2012-AUGUST 2015

Figure 39 GEOGRAPHICAL REVENUE MIX OF TOP FIVE PLAYERS (2015)

Figure 40 ALCOA INC.: COMPANY SNAPSHOT

Figure 41 ALCOA INC.: SWOT ANALYSIS

Figure 42 PRECISION CASTPARTS CORPORATION: COMPANY SNAPSHOT

Figure 43 PRECISION CASTPARTS CORPORATION: SWOT ANALYSIS

Figure 44 OUTOKUMPU: COMPANY SNAPSHOT

Figure 45 OUTOKUMPU: SWOT ANALYSIS

Figure 46 HITACHI METALS LTD.: COMPANY SNAPSHOT

Figure 47 HITACHI METALS LIMITED: SWOT ANALYSIS

Figure 48 APERAM SA: COMPANY SNAPSHOT

Figure 49 APERAM SA: SWOT ANALYSIS

Figure 50 ALLEGHENY TECHNOLOGIES INCORPORATED: COMPANY SNAPSHOT

Figure 51 CARPENTER TECHNOLOGY: COMPANY SNAPSHOT

Figure 52 HAYNES INTERNATIONAL INC.: COMPANY SNAPSHOT

Figure 53 TIMKEN COMPANY: COMPANY SNAPSHOT

Figure 54 VSMPO-AVISMA CORPORATION: COMPANY SNAPSHOT

I would like to order

Product name: High Performance Alloys Market by Alloy Type (Wrought, Cast), by Product Type (Non-Ferrous Alloys, Refractory Alloys), by Alloying Element (Aluminum, Titanium, Magnesium), by Application (Aerospace, Industrial, Automotive), & Geography - Global Forecast to 2020

Product link: <https://marketpublishers.com/r/H9803545A4FEN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/H9803545A4FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970