

Superalloys – A Global Market Overview

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Abstracts

REPORT SYNOPSIS

North America is the largest global market for superalloys, followed by Europe and Asia-Pacific. In terms of growth, however, demand for these materials in Asia-Pacific is likely to be the fastest growing due to rapid industrialization in the sectors where superalloys are deployed. Ongoing and future research efforts aimed at investigating and developing superalloys with even better properties would also propel the market.

Aerospace & Defense is estimated the largest application of superalloys while the application is also projected the fastest growing during the period 2019-2026 with a CAGR of 7%. The overall global Superalloys market for 2019 is estimated at US\$6.2 billion.

Research Findings & Coverage

Superalloys global market analyzed in this study with respect to base materials and major applications

The report estimates/projects the market size of Superalloys by base material and application in each major region/country globally for the analysis period

Performance of Superalloys Boosted by Hierarchical Nanostructures

Undesirable Attribute in Conventional Superalloys Eliminated by 3D Printing

Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments

Major companies profiled – 33

The industry guide includes the contact details for 106 companies

PRODUCT OUTLINE

The market for base materials of Superalloys analyzed in this study includes the following:

Cobalt-Based

Iron-Based

Nickel-Based

The report analyzes the market for the major applications of Superalloys including:

Aerospace & Defense

Automotive

Industrial Gas Turbines

Oil & Gas

Other Applications

Analysis Period, Units and Growth Rates

The report reviews, analyzes and projects the global Superalloys market for the period 2017-2026 in terms of US\$ and the compound annual growth rates (CAGRs) projected from 2019 through 2026

Geographic Coverage

North America (The United States, Canada and Mexico)

Europe (France, Germany, Italy, Russia, the United Kingdom and Rest of Europe)

Asia-Pacific (China, India, Japan, South Korea and Rest of Asia-Pacific)

Rest of World

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AMG Superalloys UK Limited (United Kingdom)

Allegheny Technologies Incorporated (United States)

American Casting Company (United States)

Ansteel Group Corporation Limited (China)

Aperam SA (Luxembourg)

Arconic, Inc. (United States)

Aubert & Duval SAS (France)

Cannon-Muskegon Corporation (United States)

Carpenter Technology Corporation (United States)

CITIC Pacific Special Steel Holdings (China)

Constellium N.V. (Netherlands)

Doncasters Group Limited (United Kingdom)

Eramet SA (France)

Glencore International AG (Switzerland)

H.C. Starck GmbH (Germany)

Haynes International, Inc. (United States)

Mattco Forge, Inc. (United States)
Precision Castparts Corporation (United States)
Shaanxi Hongyuan Aviation Forging Co., Ltd. (China)
United Performance Metals (United States)
VDM Metals GmbH (Germany)

5. KEY BUSINESS AND PRODUCT TRENDS

SAGIA, AMG and Shell Sign MOU to Assess and Consider Commercial Spent Catalyst Recycling Facility in Saudi Arabia
Carbon Steel Hot-Rolling Conversion Agreement Extension by ATI and NLMK USA
Aperam SA and Tekna Establish JV Firm ImphyTek Powders™ SAS in France
AMG NV Acquires International Specialty Alloys, Inc
Glencore to Supply Cobalt Hydroxide to GEM Co., Ltd
Nickel, Manganese and Cobalt Cathode Materials Supply Agreement between Samsung SDI and Umicore
AMG NV Agree to Supply Ferrovandium Production to Glencore
OxMet and Aubert Enter into Partnership on Nickel Metal Powders Portfolio for Additive Manufacturing Usage
CPP Acquires Cast Products Business Unit from ATI
ATI to Sell its Industrial Forging Business to Wynnchurch
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Haynes Develops New HAYNES 244 Alloy
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Umicore Acquires Kokkola Refinery Business from Freeport Cobalt OY
ATI and Rolls-Royce Extend Long-Term Purchase Agreement (LTPA)
Aubert & Duval SAS to Exhibit Superalloys at Paris Air Show
ATI to Supply Nickel-based Products for Use in Pipeline Project
AMG NV Realigns its Business Portfolio
BEST and ATI Agree to Advance Niobium-Based Superconductor Technology Innovation
Arconic, Inc Launches ARCONIC-THOR Nickel-based Superalloys
H.C. Starck GmbH Unveils New Niobium C-103 Alloy
Aubert & Duval SAS Showcase Metallurgical Innovations for the Defense Industry at Paris
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American Casting Company (United States)

Arconic, Inc. (United States)

Cannon-Muskegon Corporation (United States)

Carpenter Technology Corporation (United States)

Electralloy A G.O. Carlson, Inc. Company (United States)

Fort Wayne Metals Research Products Corporation (United States)

Haynes International, Inc. (United States)

High Performance Alloys, Inc. (United States)

IMET Alloys, Inc. (United States)

Mattco Forge, Inc. (United States)

Niocorp Developments Ltd (United States)

Precision Castparts Corporation (United States)

United Performance Metals (United States)

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Aperam SA (Luxembourg)

Aubert & Duval SAS (France)

Constellium N.V. (Netherlands)

Doncasters Group Limited (United Kingdom)

Eramet SA (France)

Glencore International AG (Switzerland)

H.C. Starck GmbH (Germany)

Metallurgical Plant Electrostal, JSC (Russia)

VDM Metals GmbH (Germany)

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Balaji Super Alloys (India)

Beijing Cisri-Gaona Materials & Technology Co., Ltd. (China)

CITIC Pacific Special Steel Holdings (China)

Fushun Special Steel Co., Ltd. (China)

Shaanxi Hongyuan Aviation Forging Co., Ltd. (China)

Superalloy Industrial Co., Ltd. (Taiwan)

Supreme Engineering Ltd (India)

TI Steels Pvt., Ltd (India)

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REST OF WORLD

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