

# Global Superalloy Market by Manufacturers, Regions, Type and Application, Forecast to 2023

https://marketpublishers.com/r/GB1C00488BAEN.html

Date: May 2017

Pages: 120

Price: US\$ 3,480.00 (Single User License)

ID: GB1C00488BAEN

# **Abstracts**

Superalloy alloy that exhibit excellent mechanical strength and creep resistance at high temperatures, good surface stability, and corrosion and oxidation resistance. They typically have an austenitic face-center, and cubic crystal structure with a base alloying element of nickel, cobalt, or nickel-iron. The development of superalloy has primarily been driven by the aerospace and power industries.

The corrosion-resistant superalloy is widely used in extreme environments where tremendous heat and corrosion resistance is paramount to the integrity of the end product. Chemical and petrochemical processing, power plants, and oil and gas industries widely use this superalloy.

Many of the industrial nickel-based superalloy contains alloying elements, including chromium (Cr), aluminum (Al), titanium (Ti), molybdenum (Mo), tungsten (W), niobium (Nb), tantalum (Ta) and cobalt (Co).

#### SCOPE OF THE REPORT:

This report focuses on the superalloy in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

**Precision Castparts Corporation** 

ATI

Haynes



Carpenter

Carpenter
Aperam
Eramet Group
AMG
Hitachi Metals
CMK Group
VDM
Nippon Yakin Kogyo
Doncasters
Alcoa
VSMPO-AVISMA
Universal Stainless
Fushun Special Steel
CISRI Gaona
BaoSteel
ANSTEEL
Zhongke Sannai

Global Superalloy Market by Manufacturers, Regions, Type and Application, Forecast to 2023

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)



Europe (Russia, Germany, United Kingdom, France, Spain, Norway and Sweden) Asia-Pacific (China, Japan, Korea, India and Southeast Asia) South America (Brazil and Argentina) Middle East and Africa (Kingdom of Saudi Arabia, Israel, UAE, Algeria and Iran) Market Segment by Type, covers Iron Based Superalloy Cobalt Based Superalloy Nickel Based Superalloy Market Segment by Applications, can be divided into Aerospace IGT (Electricity) IGT (Mechanical) Industrial Automotive Oil & Gas Others

There are 15 Chapters to deeply display the global Superalloy market.



Chapter 1, to describe superalloy introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of superalloy, with sales, revenue, and price of superalloy, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of superalloy, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, superalloy market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13 to describe superalloy sales channel, distributors, traders, dealers

Chapter 14 to describe superalloy powder market including sector (Aero, Auto, Defence, etc.), type (Fe-, Ni-, Co- based) and powder consolidation method (HIP, MIM, AM, etc).

Chapter 15 to describe research findings and conclusion, appendix and data source



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