

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) MCrAlY Alloy Powder Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G8944E8F6A5EN.html>

Date: August 2018

Pages: 134

Price: US\$ 4,880.00 (Single User License)

ID: G8944E8F6A5EN

## Abstracts

MCrAlY coatings are the key to the performance and reliability of highly stressed turbine parts. The M in MCrAlY stands for the base metal (usually nickel, cobalt or a combination of the two), which is alloyed with chromium, aluminum and yttrium. Cobalt and nickel are typically used as a base for the undercoating to make the metallic intermediate layer ductile. Aluminum and chromium form a stable oxide layer that protects coatings from oxidation. Yttrium enhances the bonding of this oxide layer.

### Scope of the Report:

This report focuses on the MCrAlY Alloy Powder 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. In recent years, affected by demand, there is a steady increase of MCrAlY Alloy powder. At present, Powder Alloy Corporation, H.C. Starck, Praxair and other foreign giants occupy a large market share; the sales of MCrAlY Alloy powder will increase to 612.59 MT in 2017 from 500.03 MT in 2012 with average growth rate of 4%.

The government department has not formulated the MCrAlY alloy powder development standards, while China introduced a series of policies to promote the MCrAlY alloy powder industry. As the downstream market application is very simple, at the same time, with a lot of alternatives. So the market development prospects are not stable enough.

Despite the presence of competition problems, due to the global recovery trend is clear, investors are still optimistic about this area; the future will still have more new

investment enter the field, especially the recovery of the aviation industry.

Affected by aero engine manufacturing technology, the United States and Europe will continue to dominate the market in the next 6-10 years.

Although the manufacturing and marketing of MCrAlY alloy powder may bring opportunities for related enterprises, the study group recommends that enterprise those have fund advantage but lack technical and downstream support advantage do not enter into the MCrAlY alloy powder field before careful investigation. At present the overall market structure is relatively stable, with high barriers for new brands and capital.

The worldwide market for MCrAlY Alloy Powder is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Powder Alloy Corporation

Praxair

H.C. Starck

Oerlikon Metco

Sandvik

Metal Powder and Process

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Ni-Based MCrAlY Alloy Powder

Co-Based MCrAlY Alloy Powder

Fe-Based MCrAlY Alloy Powder

Market Segment by Applications, can be divided into

Industrial Application

Aviation Application

There are 15 Chapters to deeply display the global MCrAlY Alloy Powder market. Chapter 1, to describe MCrAlY Alloy Powder Introduction, product scope, market overview, market opportunities, market risk, market driving force; Chapter 2, to analyze the top manufacturers of MCrAlY Alloy Powder, with sales, revenue, and price of MCrAlY Alloy Powder, 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 MCrAlY Alloy Powder, for each region, from 2013 to 2018; Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, 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 2013 to 2018; Chapter 12, MCrAlY Alloy Powder market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023; Chapter 13, 14 and 15, to describe MCrAlY Alloy Powder sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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