

Global MCrAlY Alloy Powder Market Data Survey Report 2025

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Abstracts

SUMMARY

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.

The global MCrAlY Alloy Powder market will reach Volume Million USD in 2017 with CAGR xx% 2018-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

Average market price by SUK

Major applications

Key manufacturers are included based on manufacturing sites, capacity and production, product specifications etc.:

Powder Alloy Corporation

Praxair

H.C. Starck

Oerlikon Metco

Sandvik

Metal Powder and Process

Major applications as follows:

Industrial Application

Aviation Application

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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