

Global Metal Grain Refiner Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Metal Grain Refiner market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Metal grain refiners are materials or additives used in the process of refining the structure of metal grains. The grain structure of a metal refers to the arrangement of individual grains or crystals that make up the material. The size and shape of these grains can affect the mechanical properties of the metal, such as strength, ductility, and toughness. Metal grain refiners are typically added to molten metal alloys before they are cast into their final shape. The working principle of a refining machine is to promote the formation of fine equiaxed grains (grains with roughly the same size and shape in all directions), rather than coarse, elongated grains. This can improve mechanical properties, such as increased strength, ductility, and toughness.

This report studies the global Metal Grain Refiner production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Metal Grain Refiner, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Metal Grain Refiner that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Metal Grain Refiner total production and demand, 2018-2029, (Tons)

Global Metal Grain Refiner total production value, 2018-2029, (USD Million)

Global Metal Grain Refiner production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Metal Grain Refiner consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Metal Grain Refiner domestic production, consumption, key domestic manufacturers and share

Global Metal Grain Refiner production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Metal Grain Refiner production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Metal Grain Refiner production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Metal Grain Refiner market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Norsk Hydro ASA, Rio Tinto Group, Alcoa Corporation, BHP Group, Rusal, ECN LTD., Minex Metallurgical Co. Ltd., Zhejiang Dongliang New Material Co., Ltd. and Arconic, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Metal Grain Refiner market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the

forecast year.

Global Metal Grain Refiner Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Metal Grain Refiner Market, Segmentation by Type

Aluminum Based Grain Refiner

Titanium Based Grain Refiner

Zirconium Based Grain Refiner

Carbon Based Grain Refiner

Global Metal Grain Refiner Market, Segmentation by Application

Aluminum Casting

Magnesium Casting

Titanium Casting

Companies Profiled:

Norsk Hydro ASA

Rio Tinto Group

Alcoa Corporation

BHP Group

Rusal

ECN LTD.

Minex Metallurgical Co. Ltd.

Zhejiang Dongliang New Material Co., Ltd.

Arconic

Belmont Metals Inc.

Micron Metals Inc.

TOHO Zinc Co. Ltd.

Meridian Metal Trading Ltd.

Silicor Materials Inc.

KBM Advanced Materials Ltd.

Foundry Service and Supplies, Inc.

Key Questions Answered

1. How big is the global Metal Grain Refiner market?
2. What is the demand of the global Metal Grain Refiner market?
3. What is the year over year growth of the global Metal Grain Refiner market?
4. What is the production and production value of the global Metal Grain Refiner market?
5. Who are the key producers in the global Metal Grain Refiner market?
6. What are the growth factors driving the market demand?

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