

Global Metal Grain Refiner Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Metal Grain Refiner market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

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 is a detailed and comprehensive analysis for global Metal Grain Refiner market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Metal Grain Refiner market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Metal Grain Refiner market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Metal Grain Refiner market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Metal Grain Refiner market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Metal Grain Refiner

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report 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 and Rusal, etc.

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

Market Segmentation

Metal Grain Refiner market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Aluminum Based Grain Refiner

Titanium Based Grain Refiner

Zirconium Based Grain Refiner

Carbon Based Grain Refiner

Market segment by Application

Aluminum Casting

Magnesium Casting

Titanium Casting

Major players covered

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.

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Metal Grain Refiner product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Metal Grain Refiner, with price, sales, revenue and global market share of Metal Grain Refiner from 2018 to 2023.

Chapter 3, the Metal Grain Refiner competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Metal Grain Refiner breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Metal Grain Refiner market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Metal Grain Refiner.

Chapter 14 and 15, to describe Metal Grain Refiner sales channel, distributors, customers, research findings and conclusion.

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