

Global High Performance Grain Oriented Electrical steel Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global High Performance Grain Oriented Electrical steel market size is expected to reach \$ 28610 million by 2029, rising at a market growth of 3.4% CAGR during the forecast period (2023-2029).

Grain-oriented electrical steel is an indispensable soft magnetic material in the electric power industry. It is mainly used in various types of rectifiers, transformers, reactors and large motors, and is used to manufacture the cores of various transformers. With the continuous development of social economy, the demand of the power industry will continue to increase, and the high-performance grain-oriented electrical steel market will also expand accordingly. At the same time, with the rapid development of new energy vehicles, smart grid and other fields, the application range of electrical steel will be further expanded. In addition, with the continuous innovation of technology, the performance of high-performance grain-oriented electrical steel will continue to improve to meet more stringent requirements for use. Therefore, the high-performance grain-oriented electrical steel market has broad development prospects.

Oriented electrical steel, also known as cold-rolled oriented silicon steel, refers to cold-rolled electrical steel containing 2.9% to 3.5% Si, and the crystal structure of the steel plate has certain rules and directions. Oriented electrical steel is an indispensable soft magnetic material in the power industry, mainly used in transformers, rectifiers, reactors and large motors and other industries.

This report studies the global High Performance Grain Oriented Electrical steel production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High

Performance Grain Oriented Electrical steel, 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 High Performance Grain Oriented Electrical steel that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High Performance Grain Oriented Electrical steel total production and demand, 2018-2029, (Tons)

Global High Performance Grain Oriented Electrical steel total production value, 2018-2029, (USD Million)

Global High Performance Grain Oriented Electrical steel production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global High Performance Grain Oriented Electrical steel consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: High Performance Grain Oriented Electrical steel domestic production, consumption, key domestic manufacturers and share

Global High Performance Grain Oriented Electrical steel production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global High Performance Grain Oriented Electrical steel production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global High Performance Grain Oriented Electrical steel production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global High Performance Grain Oriented Electrical steel 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 Thyssenkrupp, JFE Steel Corporation, Nippon Steel Corporation, NLMK Group, AK Steel Corporation (Cleveland-Cliffs Inc.), Aperam S.A., Arnold Magnetic Technologies, Posco International Corporation and Stalprodukt SA, 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 High Performance Grain Oriented Electrical steel 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 High Performance Grain Oriented Electrical steel Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global High Performance Grain Oriented Electrical steel Market, Segmentation by Type

High Magnetic Induction Oriented Electrical Steel

Ordinary Cold-rolled Grain-oriented Electrical Steel

Global High Performance Grain Oriented Electrical steel Market, Segmentation by Application

Transformer

Rectifier

Motor

Reactor

Others

Companies Profiled:

Thyssenkrupp

JFE Steel Corporation

Nippon Steel Corporation

NLMK Group

AK Steel Corporation (Cleveland-Cliffs Inc.)

Aperam S.A.

Arnold Magnetic Technologies

Posco International Corporation

Stalprodukt SA

Shougang Group

Baoshan Iron and Steel Co., Ltd.

Valin Steel

Wuhan Iron and Steel Corporation

Ansteel Group

Yinyi Group Co., Ltd.

Baotou Weifeng Rare Earth Electromagnetic Materials Co

Wuxi Huajing New Materials Co., Ltd.

Key Questions Answered

1. How big is the global High Performance Grain Oriented Electrical steel market?
2. What is the demand of the global High Performance Grain Oriented Electrical steel market?
3. What is the year over year growth of the global High Performance Grain Oriented Electrical steel market?
4. What is the production and production value of the global High Performance Grain Oriented Electrical steel market?
5. Who are the key producers in the global High Performance Grain Oriented Electrical steel market?

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