

# Global Non-Grain Oriented Electrical Steel Market Research Report 2022 Professional Edition

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## **Abstracts**

The global Non-Grain Oriented Electrical Steel market was valued at 1193.42 Million USD in 2021 and will grow with a CAGR of 2.29% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact wwhich will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market verdors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Electrical steels are distinguished by their excellent electro-magnetic properties. There are two major types of fully processed electrical steels: grain-oriented (GO) and nonoriented (NO). Non-oriented electrical steel features homogeneous magnetic properties in all directions. They are widely used as iron core materials in rotating machines ranging from large power generators to tiny precision electric motors. They are also used in the iron core of small power transformers. The classification of Non Grainoriented Electrical Steel includes semi-processed and fully processed product, and in 2019 the proportion of semi-processed Non Grain-oriented Electrical Steels is about 76.7%, and the proportion is in decreasing trend. High grade fully processed product will generate higher growth. Non Grain-oriented Electrical Steel is widely used in power generator, motor, household appliance, automotive and other field. The largest consumption area of Non Grain-oriented Electrical Steel is motor, and the proportion in 2019 is about 52%. As the global electric vehicle market grows, demand for EV materials such as electrical steel is growing in lockstep. Motors determine the horsepower of a vehicle, and are central to the efficiency and overall performance of EVs. Thus, high-quality electrical steels are sought after by automakers vying for the



biggest share of the growing EV market. Automotive is the fastest growth sector. For regions, Asia, especially China, is the largest production and consumption region, followed by Europe and US. Japan and Korea also play important rule in the market, large quantity of Non Grain-oriented Electrical Steel is exported to the world every year. This situation will not change in the short term. The production of Non Grain-oriented Electrical Steel, shows a high concentration, moreover and the core technology of production process held in several giant companies. Baowu, Shougang Group, TISCO, Nippon Steel, Ansteel, Posco, JFE Steel, Thyssen Krupp, Voestalpine, ArcelorMittal, NLMK, CSC, AK Steel, TATA Steel, BX Steel are the leaders of the industry, and they hold key technologies and patents, with high-end customers. The intense competition will continue in the future.

By Market Verdors:
Baowu
Shougang Group
TISCO
Nippon Steel
Ansteel
Posco
JFE Steel
Thyssen Krupp
Voestalpine
ArcelorMittal
NLMK
CSC

AK Steel



TATA Steel
BX Steel
By Types:
Fully Processed
Semi-processed Semi-processed
By Applications:
Motor
Household Appliances
Power Generator
Automotive
Key Indicators Analysed
Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market?s competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.
Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume &

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

revenue forecast. With detailed analysis by types and applications.



Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements



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