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Global Self-Bonding Electrical Steel Laminations Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Self-Bonding Electrical Steel Laminations market size was valued at US$ 799 million in 2024 and is forecast to a readjusted size of USD 1451 million by 2031 with a CAGR of 8.7% during review period.

Self-Bonding Electrical Steel Laminations are assemblies of electrical steel laminations that are fused together using a heat-activated bonding varnish or coating, without the need for additional adhesives, welding, or mechanical fasteners. Each lamination is pre-coated with a special bonding varnish, and during the core assembly process, heat and pressure are applied to activate the bonding layer, resulting in a rigid, unified core structure.

This report is a detailed and comprehensive analysis for global Self-Bonding Electrical Steel Laminations market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Coating Thickness 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 2025, are provided.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Key Features:

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Global Self-Bonding Electrical Steel Laminations market size and forecasts, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2020-2031

Global Self-Bonding Electrical Steel Laminations market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2020-2031

Global Self-Bonding Electrical Steel Laminations market size and forecasts, by Coating Thickness and by Application, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2020-2031

Global Self-Bonding Electrical Steel Laminations market shares of main players, shipments in revenue ($ Million), sales quantity (Tons), and ASP (US$/Ton), 2020-2025

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 Self-Bonding Electrical Steel Laminations
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 Self-Bonding Electrical Steel Laminations market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Waelzholz, KURODA Precision Industries, voestalpine Stahl GmbH, Tempel (Worthington Steel), Taiyuan Iron and Steel (Baowu), Ningbo Hongda Motor Die, Huaci Technology (Shenzhen), Lamnow Co., Ltd., Lam365, Yucca Manufacturing Enterprise, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Self-Bonding Electrical Steel Laminations market is split by Coating Thickness and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Coating Thickness, and by

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Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Coating Thickness

- 2?m Below
- 2-4?m
- 4?m Above

Market segment by Application

- Automotive and Transportation
- eVTOL
- Industrial Manufacturing
- Others

Major players covered

- Waelzholz
- KURODA Precision Industries
- voestalpine Stahl GmbH
- Tempel (Worthington Steel)
- Taiyuan Iron and Steel (Baowu)
- Ningbo Hongda Motor Die
- Huaci Technology (Shenzhen)

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Lamnow Co., Ltd.

Lam365

Yucca Manufacturing Enterprise

Lamistacks

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 Self-Bonding Electrical Steel Laminations product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Self-Bonding Electrical Steel Laminations, with price, sales quantity, revenue, and global market share of Self-Bonding Electrical Steel Laminations from 2020 to 2025.

Chapter 3, the Self-Bonding Electrical Steel Laminations competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Self-Bonding Electrical Steel Laminations breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Coating Thickness and by Application, with sales market share and growth rate by Coating Thickness, by Application, from 2020 to 2031.

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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 2020 to 2025.and Self-Bonding Electrical Steel Laminations market forecast, by regions, by Coating Thickness, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Self-Bonding Electrical Steel Laminations.

Chapter 14 and 15, to describe Self-Bonding Electrical Steel Laminations sales channel, distributors, customers, research findings and conclusion.

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Figure 86. Research Process and Data Source

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