

Global Second Generation Superconducting Tape Market Growth (Status and Outlook) 2023-2029

<https://marketpublishers.com/r/G57D2F5AB269EN.html>

Date: June 2023

Pages: 83

Price: US\$ 3,660.00 (Single User License)

ID: G57D2F5AB269EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to this study, the global Second Generation Superconducting Tape market size will reach US\$ 10240 million by 2029.

High-temperature superconducting materials are superconducting materials with a high critical transition temperature (T_c) that can work at the temperature of liquid nitrogen. Because it is mainly an oxide material, it is also called a high-temperature oxide superconducting material.

From the perspective of high-temperature superconducting applications, due to its technological advancement and irreplaceability in specific fields, the future prospects are quite broad. Although domestic superconducting material preparation and superconducting application companies are currently in a continuous loss situation, various superconducting companies still maintain continuous investment in superconducting research and development technology. With the development of large-scale commercial applications in downstream fields such as controllable nuclear fusion and high-temperature superconducting induction heating equipment, and showing accelerated release, the high-temperature superconducting industry is ushering in large-scale commercialization. The market scale of global high-temperature superconductors is expected to continue to expand as the application scenarios continue to expand, and there is a market space of tens of billions, which is the key driving force for the continuous growth of the global superconducting materials market.

This report presents a comprehensive overview, market shares, and growth opportunities of Second Generation Superconducting Tape market by product type,

application, key players and key regions and countries.

Segmentation by product type:

RABiTS+MOD

IBAD+MOCVD

IBAD-GZO

IBAD+TFAMOD

Others

Segmentation by Application:

Nuclear Fusion Power Generation

Superconducting Maglev Train

Direct Current Transmission

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

American Superconductor

Sumitomo Electric Industries

Shanghai Superconductor Technology Co., Ltd.

Superpower

Fujikura

Showadenko

Sunam

Theva

Samri

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