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Global Bismuth-based Superconducting Wire Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/GC57FB1D89AFEN.html
Date: September 2023
Pages: 109
Price: US$ 4,480.00 (Single User License)
ID: GC57FB1D89AFEN

Abstracts

The global Bismuth-based Superconducting Wire market size is expected to reach $ 538.2 million by 2029, rising at a market growth of 7.0% CAGR during the forecast period (2023-2029).

Superconducting wires are unique materials that have zero electrical resistance below certain temperatures called a transition temperature. This temperature changes depending on the material and other physical attributes of the wire. High temperature conducting wires are coated conductors that offer very efficient electricity handling below a set temperature level. Two of the most common materials for superconducting wires are bismuth strontium calcium copper oxygen (BSCCO) wires and Rare earth barium copper oxide (ReBCO) wires. However, second-generation wires are more refined and efficient formulas.

This report studies the global Bismuth-based Superconducting Wire production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Bismuth-based Superconducting Wire, 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 Bismuth-based Superconducting Wire that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Bismuth-based Superconducting Wire total production and demand, 2018-2029, (Tons)

Global Bismuth-based Superconducting Wire total production value, 2018-2029, (USD Million)

Global Bismuth-based Superconducting Wire production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Bismuth-based Superconducting Wire consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Bismuth-based Superconducting Wire domestic production, consumption, key domestic manufacturers and share

Global Bismuth-based Superconducting Wire production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Bismuth-based Superconducting Wire production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Bismuth-based Superconducting Wire production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Bismuth-based Superconducting Wire 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 AMSC, Furukawa, Bruker, Fujikura, Sumitomo Electric, SuNam, SHSC, Innost and THEVA, 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 Bismuth-based Superconducting Wire 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 Bismuth-based Superconducting Wire Market, By Region:

- United States
- China
- Europe
- Japan
- South Korea
- ASEAN
- India
- Rest of World

Global Bismuth-based Superconducting Wire Market, Segmentation by Type

- BSCCO
- ReBCO
- Others

Global Bismuth-based Superconducting Wire Market, Segmentation by Application

- Electrical Power Equipment
- Industrial Motors
- Medical

Others

Companies Profiled:

AMSC

Furukawa

Bruker

Fujikura

Sumitomo Electric

SuNam

SHSC

Innost

THEVA

STI

Sam Dong

Key Questions Answered

1. How big is the global Bismuth-based Superconducting Wire market?

2. What is the demand of the global Bismuth-based Superconducting Wire market?

3. What is the year over year growth of the global Bismuth-based Superconducting Wire market?

4. What is the production and production value of the global Bismuth-based Superconducting Wire market?

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5. Who are the key producers in the global Bismuth-based Superconducting Wire market?

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