

Terbium Market - Forecasts from 2019 to 2024

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Abstracts

The terbium market is estimated to grow at a CAGR of 3.52% during the forecast period. Terbium is a rare earth metal which belongs to the lanthanide series of elements and is soft, silvery-white in color, malleable, ductile and soft enough to be cut with a knife. Terbium has applications in phosphors, ceramics, magnets, and nuclear reactors among others.

Terbium and its compounds are used in green phosphors for flat-display televisions and fluorescent lamps. This element is also used in X-ray screens to make very clear pictures. Moreover, terbium has applications in the manufacturing of fuel cells, which can be a source of electricity. Due to malleability and ductility of terbium metal, it can be further processed to various shapes of ingots, pieces, wires, foils, slabs, rods, discs and powder.

The growing demand for flat-display television in the Asia Pacific region due to improvement in living standard, rising disposable income, and better economic growth will drive the demand for the use of terbium and its wide range of applications. Increasing investment in civil infrastructure will boost the demand of terbium for its application in LEDs for the purpose of street lighting and highway lighting. Moreover, the use of terbium in the manufacturing of fuel cells for electricity generation will boost the demand for this element in the Asia Pacific region to fulfill the rising demand for electricity. However, the export restriction imposed by China on terbium is expected to weigh down the growing demand for terbium during the forecast period.

Research Methodology

The first section of the report deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentations which

have been covered as part of the report.

Market Dynamics

Next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth. Complete industry analysis has also been covered by Porter's five forces model as a part of this report section.

Segmentation:

By End-Use Industry

Semiconductors

Chemicals

Energy and Power

Others

By Geography

North America

United States of America

Canada

Others

South America

Brazil

Others

Europe

Germany

France

Others

Middle East and Africa

Asia Pacific

China

Japan

South Korea

Others

Contents

1. INTRODUCTION

- 1.1. Market Overview
- 1.2. Market Definition
- 1.3. Scope of the Study
- 1.4. Currency
- 1.5. Assumptions
- 1.6. Base, and Forecast Years Timeline

2. RESEARCH METHODOLOGY

- 2.1. Research Design
- 2.2. Secondary Sources

3. EXECUTIVE SUMMARY

4. MARKET DYNAMICS

- 4.1. Market Segmentation
- 4.2. Market Drivers
- 4.3. Market Restraints
- 4.4. Market Opportunities
- 4.5. Porter's Five Forces Analysis
 - 4.5.1. Bargaining Power of Suppliers
 - 4.5.2. Bargaining Power of Buyers
 - 4.5.3. Threat of New Entrants
 - 4.5.4. Threat of Substitutes
 - 4.5.5. Competitive Rivalry in the Industry
- 4.6. Life Cycle Analysis - Regional Snapshot
- 4.7. Market Attractiveness

5. TERBIUM MARKET BY END-USE INDUSTRY

- 5.1. Semiconductors
- 5.2. Chemicals
- 5.3. Energy And Power
- 5.4. Others

6. TERBIUM MARKET BY GEOGRAPHY

6.1. North America

6.1.1. United States of America

6.1.2. Canada

6.1.3. Others

6.2. South America

6.2.1. Brazil

6.2.2. Others

6.3. Europe

6.3.1. Germany

6.3.2. France

6.3.3. Others

6.4. Middle East and Africa

6.5. Asia Pacific

6.5.1. China

6.5.2. Japan

6.5.3. South Korea

6.5.4. Others

7. COMPETITIVE INTELLIGENCE

7.1. Market Positioning Matrix and Ranking

7.2. Strategies of Key Players

7.3. Recent Investments and Deals

8. COMPANY PROFILES

8.1. NEO Performance Materials

8.2. Rainbow Rare Earths Limited

8.3. Metall Rare Earth Limited

8.4. HEFA Rare Earth Canada Co. Ltd.

*The list is not exhaustive

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