

# Global Terbium Market - Industry Trends, Opportunities and Forecasts to 2023

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## Abstracts

The global terbium market is projected to grow at a CAGR of XX% during the forecast period to reach US\$XX.XX billion by 2023 from US\$XX.XX billion in 2017. Terbium is a rare earth metal which belongs to the lanthanide series of elements and is soft, silvery-white in colour, 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 fulfil the rising demand for electricity. However, the export restriction imposed by China on terbium is expected to weigh down the growing demand of 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

The global terbium market is segmented as type, application, and geography.

### By Type

Oxide

Metal

Acetate

Carbonate

Others

### By Application

Phosphors

Ceramic

Electronics

Optical Glass

Others

### By Geography

Asia-Pacific

Europe

North America

South America

Africa and Middle East

## Market Players

Finally, competitive intelligence section deals with major players in the market, growth strategies, products, financials, and recent investment among others. Key industry

players profiled as part of this section are Avalon Advanced Materials, Inc., Metall Rare Earth Limited, Canada Rare Earth Corporation, HEFA Rare Earth Canada Co., Ltd., and Baotou Iron and Steel (Group) Co., Ltd., among others.

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