

Global Holmium Market - Industry Trends, Opportunities and Forecasts to 2023

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Abstracts

The global holmium 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. Holmium is a rare earth element which belongs to the lanthanide series. It is a silvery-white metal which is soft, malleable and ductile. Holmium has its applications in halide lamps, control rods, crystal dopant, ceramics, magnets, and phosphors among others.

Holmium has the ability to absorb fission-bred neutrons and is useful in keeping the atomic chain reaction under control in nuclear reactors. Holmium has remarkable magnetic properties, which makes it useful in alloys for the production of magnets and as a flux concentrator for magnetic fields. Moreover, holmium oxide provides yellow or red colouring for its use in cubic zircon and glass. Holmium components are used in solid-state lasers which have microwave applications and are useful in a variety of medical and dental settings. Furthermore, these components are used as a calibration standard for optical spectrophotometers, which are available commercially.

Growing investment in nuclear energy as an alternative to meet the energy demand, especially in the Asia Pacific region, will boost the demand for holmium. Moreover, the application of holmium components in lasers are useful in many surgery specialities, including urology, neurosurgery, and angioplasty and at various other medical setting is expected to boost the demand for holmium 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 holmium market is segmented as type, application, and geography.

By Type

Oxide

Chloride

Metal

Carbonate

Others

By Application

Halide lamps

Optical fibre

Control rods

Phosphors

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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