

Global Cerium Market Outlook to 2027

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Abstracts

Cerium is a silvery-white, ductile, and soft rare-earth metal. It tarnishes when exposed to air and is soft enough to be cut with a knife. Easily extracted from its ores, cerium is typically found in combination with other rare earth metals such as bastnaesite and monazite. Cerium is used as a catalyst and adhesive in numerous commercial applications.

According to BlueQuark Research & Consulting, the global Cerium market is expected to witness a significant growth rate during the forecast period with a CAGR of over 7.5%. The major factors responsible for the global Cerium market's growth are high demand for rare earth metal catalysts from various manufacturing sectors, emerging economies, and the dependency of Green Technology on rare earth elements. On the other hand, fluctuation in prices due to the inconsistent mining operation of cerium ores can act as a restraint of the market.

Asia-Pacific region is projected to dominate the Global Cerium market. Increasing demand from the electronics sector in this region is one of the key drivers for Cerium whose demand is significant from China and Japan. China accounted for a key share of the cerium market in the Asia Pacific owing to the abundance of cerium in the country.

In terms of segmentation by application, the market for cerium was primarily driven by the increasing demand for rare earth metal catalysts from various manufacturing sectors. Cerium is used in various applications such as polishing powder, adding colors in ceramics and glass, and self-cleaning ovens. Further exploration of unmined reserves and recycling of cerium metal from e-waste is likely to provide opportunities for the markets' growth.

The Global Cerium market is fragmented. Major companies in the market were found to be Inner Mongolia Baotou Steel Rare-Earth Hi-Tech Co Ltd., Great Western Minerals

Group Ltd., Arafura Resources Ltd., Ganzhou Rare Earth Group Co. Ltd and Avalon Rare Metals, among others.

Researchers from Hubei Normal University have recently published a paper regarding the advances of nanoceria, Nanostructured cerium oxide (CeO₂), in the aspects of synthesis, luminescence, and biomedical studies. This has lead to a new frontier for nanoceria particles in biomedical research, which involves low toxicity, retinopathy, biosensors, and cancer therapy aspects.

Global Cerium Market report provides deep insight into the Cerium market's current and future state across various regions. The study comprehensively analyzes the Cerium market by segmenting based on Applications (Catalysts, Glass and Polishing, Magnets, Metal alloys, Ceramics, Metallurgy, and Others), and Geography (Europe, Asia-Pacific, North America, South America, and Middle-East & Africa). The report examines the market drivers and restraints that are influencing the growth in detail. The study covers & includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with major companies' profiles, including their market shares and projects.

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Western Minerals Group Ltd.

Ycorp Inc.

China Minmetals Rare Earth Co. Ltd.

ectix

ura Resources Ltd.

zhou Rare Earth Group Co. Ltd

on Rare Metals
ne Resources Ltd
bite Technologies Inc.
re Element Resources
ore Rare Metals Inc.
ntalus Rare Earths AG
ns Energy Corp.
eneus Minerals Ltd
ka Resources Ltd
men Tungsten Co. Ltd
ernational Ferro Metals Limited
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