

Global Bioceramics and Hydroxyapatite Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G1AD23044705EN.html>

Date: June 2025

Pages: 113

Price: US\$ 3,480.00 (Single User License)

ID: G1AD23044705EN

Abstracts

According to our (Global Info Research) latest study, the global Bioceramics and Hydroxyapatite market size was valued at US\$ 575 million in 2024 and is forecast to a readjusted size of USD 956 million by 2031 with a CAGR of 7.6% during review period.

With the increasing number of the dental and orthopedic implants, demand for the bioceramics continues to remain high among the manufacturers. As bioceramics continue to remain an important component in the production of the dental and orthopedic implants they are also known as medical ceramics. Aluminum oxide, zirconia, calcium phosphate (tricalcium phosphate, hydroxyapatite) and bioglass are witnessed to be the most commonly used bioceramics. These are mostly oxides, carbides or nitrides based and have excellent biocompatibility.

Global core manufacturers of Bioceramics and Hydroxyapatite include Shandong Sinocera, Functional Materials, CAM Bioceramics, Tosoh, Daiichi Kigenso Kagaku Kogyo (DKK) and Kyocera. Asia-Pacific is the largest consumption region, accounting for approximately 36% of the global market, followed by North America. In terms of product type, zirconia is the largest market segment, with a share of more than 45%. In terms of application, the largest application is orthopaedic, with a share of approximately 58%.

This report is a detailed and comprehensive analysis for global Bioceramics and Hydroxyapatite market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets.

Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Bioceramics and Hydroxyapatite market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Bioceramics and Hydroxyapatite market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Bioceramics and Hydroxyapatite market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Bioceramics and Hydroxyapatite market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Bioceramics and Hydroxyapatite

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Bioceramics and Hydroxyapatite market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Shandong Sinocera Functional Materials, CAM Bioceramics, Tosoh, Daiichi Kigenso Kagaku Kogyo (DKK), Kyocera, Sagemax (Ivoclar Vivadent), 3M, Orbray, Jiangxi Size Materials, SigmaGraft Biomaterials, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Bioceramics and Hydroxyapatite market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Aluminium Oxide

Zirconia

Hydroxyapatite

Tricalcium Phosphate

Lithium Disilicate

Others

Market segment by Application

Orthopaedic

Dental

Plastic Surgery

Others

Major players covered

Shandong Sinocera Functional Materials

CAM Bioceramics

Tosoh

Daiichi Kigenso Kagaku Kogyo (DKK)

Kyocera

Sagemax (Ivoclar Vivadent)

3M

Orbray

Jiangxi Size Materials

SigmaGraft Biomaterials

DSM (DSM-Firmenich)

Dentsply Sirona

Fluidinova

Kunshan Overseas Chinese Technology New Materials

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Bioceramics and Hydroxyapatite product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bioceramics and Hydroxyapatite, with price, sales quantity, revenue, and global market share of Bioceramics and Hydroxyapatite from 2020 to 2025.

Chapter 3, the Bioceramics and Hydroxyapatite competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Bioceramics and Hydroxyapatite breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Bioceramics and Hydroxyapatite market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Bioceramics and Hydroxyapatite.

Chapter 14 and 15, to describe Bioceramics and Hydroxyapatite sales channel, distributors, customers, research findings and conclusion.

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