Global Dental Plaster Market to Reach USD 251.2 Million by 2034, Driven by Steady Demand in Dentistry | FMI

The Dental Plaster Market Outlook from 2024 to 2034 highlights trends, growth, and projections for the industry over the next decade.

NEWARK, DE, UNITED STATES, April 24, 2025 /EINPresswire.com/ -- The global dental plaster market is projected to experience steady growth, reaching a market valuation of USD 251.2 million by 2034, up from USD 155.7 million in 2024. According to market projections, the industry is expected to advance at a CAGR of 4.9% during the forecast period.

> Dental Plaster Market in the United Kingdom predict that the said ecosystem is set to advance sluggishly at a CAGR of 2.6% through 2034"
> *Sabyasachi Ghosh, Principal Consultant. Future Market Insights*

The rising demand for dental prosthetics, restorations, and orthodontic applications continues to drive market expansion. Dental plaster, widely used in model casting, impressions, and diagnostic procedures, remains a fundamental material in dental clinics and laboratories worldwide.

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Key growth factors include advancements in dental technology, an increasing prevalence of oral health disorders, and growing awareness about dental aesthetics. Additionally, the expanding geriatric population and rising dental care expenditure are further fueling market demand. With continuous innovation and material enhancements, the dental plaster market is poised for moderate yet sustained growth, reinforcing its importance in the global dental industry.

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The growing prevalence of dental disorders such as cavities, periodontal diseases, and tooth loss

has led to a surge in dental restoration procedures. Dental plaster is a crucial material in impression making, model casting, and die preparation, contributing to its increasing adoption in dental clinics and laboratories.

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With the advent of 3D printing and CAD/CAM technology, dental professionals can now create highly precise and customized dental models. This has led to a higher demand for high-quality dental plaster that ensures superior accuracy in molding and casting applications.

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Dental Plaster Market

The aging population is a key factor propelling market growth. As the elderly are more prone to tooth loss and oral health issues, the need for dentures, crowns, and bridges has risen, boosting the demand for dental plaster in prosthetic applications.

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The increasing number of dental clinics, hospitals, and laboratories worldwide is another major driver of the market. Investments in dental infrastructure and government initiatives to promote oral healthcare services are contributing to market expansion.

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The industry is shifting towards eco-friendly and biocompatible dental plasters that minimize environmental impact while ensuring patient safety. These innovations are gaining traction among dental professionals and regulatory bodies.

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Manufacturers are focusing on developing enhanced dental plasters with improved setting time, strength, and durability. These advancements aim to provide better dimensional stability and increased efficiency in dental procedures.

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Artificial intelligence (AI) and automation are revolutionizing the dental modeling and impression-making process. The integration of AI-powered solutions in dental labs is expected to streamline production and enhance accuracy, increasing the demand for high-performance dental plasters.

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The global dental plaster market is projected to witness steady growth, with an expected CAGR (Compound Annual Growth Rate) of X% during the forecast period. Key regions such as North America, Europe, and Asia-Pacific are anticipated to lead market expansion due to increasing dental awareness, rising healthcare expenditure, and technological advancements.

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• Technological advancements in dental materials are driving innovation.

• Rising geriatric population and dental awareness are boosting market demand.

• Adoption of AI, 3D printing, and eco-friendly materials is shaping future trends.

• The United States is projected to grow at a 2.3% CAGR through 2034.

• The United Kingdom is expected to advance at a 2.6% CAGR through 2034.

• India is anticipated to witness significant growth, advancing at a 8.2% CAGR through 2034.

• Improved Stone Plaster (Type IV) holds a 30.7% industry share in 2024.

• Dental Clinics remain the dominant end user, accounting for a 38.7% industry share in 2024.

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• □□□□□□□ □□□□□□□□□ □□□□□□□□□□□ – Synergies between dental plaster products and 3D printing technologies are shaping the future of high-precision dental modeling.

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The presence of numerous Tier 1 organizations in the sector poses a significant barrier to new entrants. To overcome this challenge, emerging players can leverage strategies such as strategic alliances, innovation, and other market-entry approaches. Established companies in the dental plaster industry navigate the competitive landscape through collaborations, partnerships, acquisitions, and other strategic initiatives.

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• □□□ □□□□: USG partnered with Canvas to enhance the drywall sector, strengthening its position in the competitive market.

• □□□□□ □□□□: 3M Science launched the 3M Verify App, designed to combat counterfeit PPE, reinforcing its commitment to product integrity and safety.

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Prominent brands shaping the industry include Heraeus Kulzer, 3M Science, USG, Kerr Dental, Yoshino Gypsum, Whip-Mix, Saint-Gobain Formula, Nobilium, ETI Empire Direct, Gyprock, and Georgia-Pacific Gypsum.

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Based on the product category, the industry is segmented into Impression Plaster (Type I), Modelling plaster (Type II), Stone Hard Plaster (Type III), Improved stone Plaster (Type IV), and High-strength plaster (Type V) types.

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Hospitals, Dental Clinics, Academic Institutes, and Others are key end users of the ecosystem.

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North America, Latin America, Western Europe, Eastern Europe, South Asia and Pacific, East Asia, and The Middle East and Africa are the key contributing regions to the industry.

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