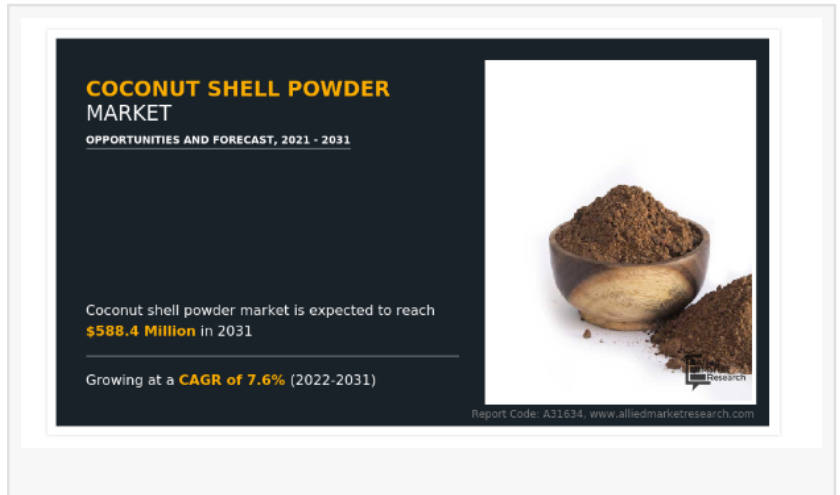


Coconut Shell Powder Market By Segments, Key Leaders, Industry Demand And Forecast 2031

Coconut shells are utilized as a filler material to make ceramic matrices composites (CMC) with a high strength-to-weight ratio and less ordinary fillers.

WILMINGTON, DE, UNITED STATES, July 17, 2025 /EINPresswire.com/ -- [Coconut shell powder market size](#) garnered \$286.7 million in 2021 and is estimated to generate \$588.4 million by 2031, manifesting a CAGR of 7.6% from 2022 to 2031.



Coconut shell powder is an economical and efficient alternative to other commercially available materials like bark powder, furfural, and peanut shell powder, owing to its consistent quality and favorable chemical composition. Its superior properties particularly in water absorption and resistance to fungal growth make it highly suitable for diverse industrial applications. Derived from the hard, durable, and organic shell of mature coconuts, coconut shell powder benefits from the shell's natural toughness, excellent abrasion resistance, and long lifespan. Chemically, coconut shell is similar to hardwood, but contains higher lignin and lower cellulose, contributing to its strength and resilience.

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The production process involves thoroughly cleaning the shells to remove pith, then grinding them into granules. These granules undergo further pulverization in grinding mills. The resulting powder is then classified into various mesh sizes using cyclones and vibratory sieves fitted with phosphor-bronze mesh screens. Specialized equipment is used throughout the manufacturing process, including crushers and pulverizers, which are optimized for efficiency across industries. Mesh size requirements vary by application—80–100 mesh is ideal for thermoset molding powders, while 230–240 mesh is preferred for synthetic resin adhesives.

A rapidly growing segment within this market is activated carbon, derived from coconut shell

powder. This segment has gained traction due to increased government regulations and the rising demand for activated carbon across industries such as mining, nuclear energy, and water treatment. Activated carbon made from coconut shell powder is particularly valued for its role in removing contaminants, including mercury, from industrial process water and environmental systems. This trend is expected to continue driving global market expansion for coconut shell powder, especially in specialized applications.

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The research provides detailed segmentation of the global coconut shell powder market based on Mesh Size, Application, Sales Channel, and Region. The report discusses segments and their sub-segments in detail with the help of tables and figures. Market players and investors can strategize according to the highest revenue-generating and fastest-growing segments mentioned in the report.

Based on region, North America held the largest share in 2021, contributing to more than one-third of the global coconut shell powder market share, and is projected to maintain its dominant share in revenue in 2031. In addition, the Asia-Pacific region is expected to manifest the fastest CAGR of 8.8% during the forecast period. The research also analyzes areas including Europe and LAMEA.

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Leading market players of the global coconut shell powder market analyzed in the research include New Century Vietnam Organic Company Ltd., OHM Trishul Bio Process, Rich Moon Co., Ltd, Vijayanagar Food & Nutraceuticals Pvt. Ltd., VietDelta Ltd., Coco Green (Pvt) Ltd., Coco Land Lanka (Pvt) Ltd., Consarc (Pvt) Ltd., Gournish Traders, Umang Pharmatech Pvt. Ltd., and Bali Coco.

The report provides a detailed analysis of these key global [coconut shell powder industry](#) players. These players have adopted new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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