

South & Central America Natural Fiber Composites Market Forecast to 2028– COVID-19 Impact and Regional Analysis– by Raw Material (Wood, Cotton, Flax, Kenaf, Hemp, and Others), Technology (Injection Molding, Compression Molding, Pultrusion, and Others), and End User (Automotive & Aerospace, Building & Construction, Electrical & Electronics, Sporting Goods, and Others)

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Abstracts

The South & Central America natural fiber composites market is expected to grow from US\$ 81.28 million in 2022 to US\$ 101.50 million by 2028. It is estimated to grow at a CAGR of 3.8% from 2022 to 2028.

Applications of Natural Fiber Composites in Sporting Goods Applications Fuels South & Central America Natural Fiber Composites Market

Sports goods' manufacturers are focused on innovative materials development and structural design engineering of hockey sticks, badminton and tennis racquets, golf clubs, skis, and other sporting goods. Natural fiber-reinforced composite materials have several properties such as lightweight, high strength, design flexibility, and easy processing and forming characteristics. Therefore, they have a broad range of applications in the sporting goods industry. Natural fiber composites' manufacturers produce lightweight products for several sports applications. Composite material designed and developed for outdoor gear is expected to have properties such as high strength and lightweight and meet customer safety regulations.

Flax fiber composites have inherent dampening properties and vibration control that make them an optimum choice of material for sports products used in skiing, biking, tennis, golf, paddling, and badminton. In 2022, Babolat partnered with Eco-Technilin to develop flax fiber reinforced composites for application in high-performance sport goods. The flax fibers were incorporated into the structure of a tennis racquet range of Pure Aero racquets to offer vibration-reducing performance. In 2022, Hexcel Corporation launched HexPly Nature range of natural fiber composites made from natural fiber reinforcement and bio-derived resin suitable for winter sports applications. Therefore, the utilization of various natural fiber composites in sporting goods applications, owing to biodegradability and high-performance properties, is expected to create lucrative opportunities for the South & Central America natural fiber composites market during the forecast period.

South & Central America Natural Fiber Composites Market Overview

The natural fiber composites market growth in Brazil and Argentina is attributed to the surging urbanization and the increasing number of construction projects. Natural fiber composites are widely used in the construction and automotive sectors as these are feasible for low-cost structural components and eco-friendly alternatives compared to conventional structural materials. Furthermore, the governments of various countries in South & Central America are focusing on developing infrastructure projects, which is expected to boost the demand for natural fiber composites in the construction industry during the forecast period. The noticeable presence of automotive companies in Brazil and Argentina and the rise in sales of vehicles are propelling the sales of natural fiber composites in the region. According to the report by the Brazilian Association of Automotive Vehicle Manufacturers, auto production in Brazil rose by 11.4%, and sales boosted by 10.9% during February–March 2022. Moreover, major market players in the automotive sector have strategized development and expansion of their operational capacities in South & Central America to tap the lucrative automotive market. In 2022, Audi AG invested US\$ 19.2 million to restart production at its plant in Parana, Brazil, registering a capacity of 4,000 vehicles per year. Moreover, the increasing presence of automotive, electronics, and consumer goods companies and the rising sales of end-use products are expected to boost the South & Central America natural fiber composites market during the forecast period.

South & Central America Natural Fiber Composites Market Revenue and Forecast to 2028 (US\$ Million)

South & Central America Natural Fiber Composites Market Segmentation

The South & Central America natural fiber composites market is segmented into raw material, technology, end user, and country

Based on raw material, the South & Central America natural fiber composites market is segmented into wood, cotton, flax, kenaf, hemp, and others. The wood segment held the largest share of the South & Central America natural fiber composites market in 2022.

Based on technology, the South & Central America natural fiber composites market is segmented into injection molding, compression molding, pultrusion, and others. The others segment held the largest share of the South & Central America natural fiber composites market in 2022.

Based on end user, the South & Central America natural fiber composites market is segmented into automotive & aerospace, building & construction, electrical & electronics, sporting goods, and others. The automotive & aerospace segment held the largest share of the South & Central America natural fiber composites market in 2022.

Based on country, the South & Central America natural fiber composites market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the share of the South & Central America natural fiber composites market in 2022.

Amorim Cork Composites S.A.; Lanxess AG; TECNARO GMBH; and UPM-Kymmene Corp are the leading companies operating in the South & Central America natural fiber composites market.

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