

# **Automotive Two Wheeler Green Tires Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Tire Type (Radial, Bias), By Demand Category (OEM, Replacement), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Automotive Two Wheeler Green Tires Market will grow from USD 22.58 Billion in 2025 to USD 34.54 Billion by 2031 at a 7.34% CAGR. Automotive two-wheeler green tires are specialized components engineered using eco-friendly materials such as dispersed silica and bio-based oils to minimize rolling resistance and enhance fuel efficiency.

## **Key Market Drivers**

The rapid proliferation of the electric two-wheeler market is a primary driver propelling the adoption of green tires globally. Electric motorcycles and scooters require tires with significantly lower rolling resistance to maximize battery range and handle instant torque delivery, which necessitates the use of advanced silica compounds and tread designs. This transition to electrified mobility is reshaping tire development, as manufacturers prioritize energy-efficient solutions to complement the growing fleet of clean vehicles.

## **Key Market Challenges**

The high manufacturing costs associated with sustainable raw materials represent a significant challenge hampering the growth of the Global Automotive Two Wheeler Green Tires Market. Producing these specialized components requires premium inputs, such as dispersed silica and functionalized bio-based oils, alongside complex compounding technologies to ensure they meet performance safety standards. These

sophisticated material requirements inherently inflate production expenditures relative to conventional tires, compelling manufacturers to set higher retail prices to maintain commercial viability.

## **Key Market Trends**

The emergence of smart tire technologies is becoming a defining trend for performance optimization and environmental efficiency within the two-wheeler sector. Manufacturers are embedding sensor-based systems directly into the tire architecture to monitor real-time parameters such as pressure and temperature, which are critical factors influencing rolling resistance and energy consumption. This digitization enables proactive maintenance that ensures tires operate at optimal inflation levels, thereby extending tread life and reducing carbon emissions associated with premature replacement.

## **Key Market Players**

Bridgestone Corporation

Continental AG

Michelin Group

Apollo Tyres Limited

Yokohama Tire Corporation

Goodyear Tire & Rubber Company

Pirelli & C. Spa

Toyo Tire Corporation

MRF Limited

CEAT Limited

## **Report Scope:**

*Automotive Two Wheeler Green Tires Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Se...*

In this report, the Global Automotive Two Wheeler Green Tires Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Automotive Two Wheeler Green Tires Market, By Tire Type:

Radial

Bias

Automotive Two Wheeler Green Tires Market, By Demand Category:

OEM

Replacement

Automotive Two Wheeler Green Tires Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

## Asia Pacific

China

India

Japan

Australia

South Korea

## South America

Brazil

Argentina

Colombia

## Middle East & Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Automotive Two Wheeler Green Tires Market.

## Available Customizations:

Global Automotive Two Wheeler Green Tires Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

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