

Recovered Carbon Black - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Recovered Carbon Black Market is expected to register a CAGR of greater than 2% during the forecast period.

The market was negatively impacted by COVID-19 in 2020. The COVID-19 pandemic is affecting the recovered carbon black market because of supply chain disruptions, such as disruption in orders and deliveries, cancellations, and a backlog of orders. During the pandemic, many industrial, rubber factories, automobile, printing, and packaging operations were shut down. There is also a change in priority to the health sector, and sectors such as road and building construction were on temporary hold. In the construction, recovered carbon black is used as a reinforcement agent, seal, rubber sheet, and rubber roofing.

Over the short term, rising demand for recycled and recovered carbon black for tire & non-tire products such as conveyor belts, hoses, and gaskets and increasing problems due to emission of carbon black across the globe are some of the driving factors which are stimulating the market demand.

The lack of infrastructure and technologies for making recovered carbon black is hindering the market's growth.

The increasing need for green alternatives due to the increase in pollution across the globe by the emission of carbon black is likely to create opportunities for the market in the coming years.

The North American region is expected to dominate the market and is also likely to witness the highest CAGR during the forecast period.

Recovered Carbon Black Market Trends

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Increasing Usage in the Tire Industry

Recovered carbon black is a highly adopted sector in the tire industry as it can be used as a partial substitution for virgin carbon black in various industries. Therefore, the market potential for recovered carbon black is determined by the current markets of virgin carbon black.

The electric vehicle is the trending factor in the automobile industry. With this new opportunity, the tire industry is benefitted by manufacturing all-season tires, performance tires, rib tires, spare tires, and many others. In February 2022, Scandinavian Enviro Systems AB received an order for 60 MT of recovered carbon black from a major European tire manufacturer in the premium segment. This has stimulated the market demand for recovered carbon black.

Due to the need for a reduction in fossil fuel dependence and CO2 emission, major tire manufacturing companies are adopting recovered material techniques to adopt the circular economy concept. For instance, Bridgestone Corporation's goals for 2050 are to use only renewable/recovered materials to replace carbon black in tire production, and Continental AG plans to include 10% of recovered materials such as rCB N300 in the composition of tires by 2025.

Owing to all these factors, the market for recovered carbon black will likely grow globally during the forecast period.

North America to Dominate the Market

The North American region is expected to dominate the market. In the region, United States & Canada are the major economies.

The U.S. Tire Manufacturers Association (USTMA) projected total U.S. tire shipments of 340.2 million units in 2022, compared to 335.2 million units in 2021, and Original Equipment (OE) shipments for passenger, light truck, and truck tires are expected to increase by 6.2%, 4.4%, and 6.3%, respectively, with a total increase of 2.9 million units.

Similarly, the Canadian tire industry was valued at more than CAD 14.87 billion in 2020. Canadian Tire Corporation delivered strong third-quarter comparable sales. Canadian Tire Retail (CTR) comparable sales were up 1.4%, against the remarkable 25.1% increase achieved in 2020.

On the other hand, the construction industry in Canada boosts the market demand for recovered carbon black as a reinforcing agent through applications like hoses, gaskets, seals, rubber sheets, and rubber roofing, and as a part of the 'Investing in Canada Plan,' the government has announced plans to invest nearly USD 140 billion for significant infrastructure developments in the country by 2028.

Moreover, The new constructions in the United States in 2020 were valued at almost 1.5 trillion U.S. dollars, and it is forecast to reach roughly USD 2 trillion in 2025.

Due to all such factors, the market for recycled carbon black in the region is expected to have a steady growth during the forecast period.

Recovered Carbon Black Industry Overview

The recovered carbon black market is partially consolidated in nature. Some of the major players in the market include Polimix, Enrestec Inc, Klean Industries Inc., Pyrum Innovations AG, Scandinavian Enviro Systems AB, and others (not in any particular order).

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Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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