

Global Semi-Graphitized Petroleum Coke Recarburizer Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Semi-Graphitized Petroleum Coke Recarburizer market size was valued at US\$ 119 million in 2025 and is forecast to a readjusted size of US\$ 150 million by 2032 with a CAGR of 3.0% during review period.

In 2025, the global volume of semi-graphitized petroleum coke recarburizers reached 218,600 tons, with an average selling price of \$527.8 per ton. The global annual production capacity for semi-graphitized petroleum coke recarburizers stands at approximately 300,000 tons, with a gross margin of approximately 23.1%. Semi-graphitized petroleum coke recarburizers are a class of carbon materials produced by subjecting raw petroleum coke to a partial graphitization process; they are primarily utilized in the metallurgy and carbon materials sectors to serve as recarburizing agents. Compared to ordinary petroleum coke, semi-graphitized petroleum coke exhibits superior electrical conductivity, thermal stability, and chemical stability; moreover, its moderate degree of graphitization facilitates precise reaction control and ensures uniform mixing during high-temperature metallurgical processes. The upstream raw materials for semi-graphitized petroleum coke recarburizers include crude oil, coke source materials, catalysts, and processing aids. The midstream segment consists of the manufacturers of semi-graphitized petroleum coke recarburizers, while the downstream market is primarily comprised of industries such as metallurgy and chemicals.

Currently, the market for semi-graphitized petroleum coke—used as a carbon additive—is characterized by a pronounced imbalance between supply and demand, exhibiting an overall trend of weak stability. As a by-product of the graphitization process for anode

materials, market supply has continued to rise in tandem with production expansion within the new energy sector. However, due to lackluster demand from the downstream steel industry—where steel mills face pressure to reduce costs, enhance efficiency, and limit production—purchasing interest remains subdued; consequently, the prevailing market situation of oversupply remains difficult to resolve. As a result, the pricing of this product currently tracks closely with fluctuations in raw material costs; manufacturers find themselves caught between the support provided by production costs and the downward pressure exerted by weak demand, leading to an overall environment of intense market competition.

This report is a detailed and comprehensive analysis for global Semi-Graphitized Petroleum Coke Recarburizer market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Semi-Graphitized Petroleum Coke Recarburizer market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Semi-Graphitized Petroleum Coke Recarburizer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Semi-Graphitized Petroleum Coke Recarburizer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Semi-Graphitized Petroleum Coke Recarburizer market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Semi-Graphitized Petroleum Coke Recarburizer

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Semi-Graphitized Petroleum Coke Recarburizer market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include XINGSHI New Materials, Elkem ASA, Richard Anton, SHANGTAITECH, HENG QIAO, BCC, Jiangsu Jiaming Advanced Carbon Materials, JUXING TANSU, Shandong Cohen Carbon Materials, CHANGHEYUE, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Semi-Graphitized Petroleum Coke Recarburizer market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Sulfur Content

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