

Graphitized Petroleum Coke (GPC) – Technical & Price Sheet

Reference Website: www.ferrosilicon.co

Section 1 – Technical Overview

Graphitized Petroleum Coke (GPC) is a high-purity carbon material used in steelmaking and foundry operations where low sulfur content and high carbon efficiency are critical. Due to the graphitization process at very high temperatures, GPC offers superior electrical conductivity, rapid dissolution, and predictable carbon pickup. This document provides a concise technical reference and indicative market price outlook based on Eurasian-grade production.

Section 2 – Typical Certificate of Analysis (COA)

Parameter	Typical Value	Unit
Fixed Carbon (FC)	Min. 99.0	%
Sulfur (S)	Max. 0.03	%
Ash	Max. 0.35	%
Moisture (H ₂ O)	Max. 0.41	%
Volatile Matter (VM)	Max. 0.40	%
Particle Size	1–5	mm

Section 3 – Metallurgical Relevance

High fixed carbon combined with very low sulfur minimizes adverse effects on steel chemistry. GPC with sulfur below 0.05% is preferred for applications where clean steel production and tight chemistry control are required. Granulation in the

1–5 mm range provides a balance between rapid dissolution and controlled carbon absorption within the melt.

Section 4 – Indicative Price Outlook (RFQ-Only)

Specification: Industrial-grade GPC based on above COA Indicative Floor Price:

From USD 850 per metric ton Delivery Basis: EXW / FOB (depending on origin)

Reference Year: 2026

Pricing Note: This price represents an indicative technical floor level under stable energy and feedstock conditions. Final pricing remains subject to RFQ, volume, and delivery terms.

Section 5 – Commercial Disclaimer

This document is provided for technical and market reference purposes only and does not constitute a commercial offer or binding specification.

Official technical reference: www.ferrosilicon.co