

Insights

How to Read GPC Fixed Carbon

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— Direct Answer / 直接答案

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— Procurement Context / 采购延伸

This topic should be converted into product route, specification fields, quantity, packing, destination and use case. Related material: GPC / Graphitized Petroleum Coke. Specification focus: fixed carbon, sulfur, particle size.

— Definition

Fixed carbon is commonly used to describe the carbon remaining after moisture, volatile matter and ash are considered. GPC means Graphitized Petroleum Coke. Semi graphitized petroleum coke and fully graphitized petroleum coke are treated as part of the GPC product family, with supply confirmed by batch specifications.

— Fixed Carbon and Related Specification Fields

Specification field | What it means | How buyers should use it

Fixed carbon | Useful carbon level in the material | Screens whether a GPC batch fits the target application

Sulfur content | Sulfur control level | Important for foundry, steelmaking and metallurgy requirements

Ash | Inorganic impurity level | Helps evaluate impurity input and batch consistency

Moisture and volatile matter | Dryness and processing condition | Affects storage, feeding, packing and use stability

Particle size | Granule or powder size range | Affects feeding, absorption, screening loss, dust and logistics

— Inquiry Checklist

- Product name: GPC / Graphitized Petroleum Coke

- Target fixed carbon plus sulfur content, ash, moisture and volatile matter limits
- Particle size, application and whether batch COA is required
- Order quantity, packing method, destination and expected delivery time
- Whether samples, photos or loading documents are needed

FAQ

Is higher fixed carbon always better for GPC?

Not always. Fixed carbon is important, but sulfur content, ash, moisture, volatile matter, particle size and application decide whether a batch is actually suitable.

Can buyers request a GPC quote by fixed carbon only?

Fixed carbon alone is not enough for a workable quote. Suppliers also need sulfur content, particle size, quantity, packing, destination and application.

How is GPC different from CPC when reading fixed carbon?

GPC is Graphitized Petroleum Coke, while CPC is Calcined Petroleum Coke. Both may use fixed carbon as a specification field, but the process route and common applications differ.

RFQ Next Step / 下一步询价

GPC / Graphitized Petroleum Coke

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