

## Insights

# Petroleum Coke Specifications Explained for Buyers

Petroleum coke buyers should not request a quote by product name alone. A useful inquiry should include product direction, fixed carbon, sulfur content, ash, moisture, volatile matter, particle size, application, quantity, packing and destination. If the requirement is CPC or GPC, state the product family clearly and confirm supply by batch specifications.

### — 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

Petroleum coke is a carbon material category used in industrial purchasing. CPC means Calcined Petroleum Coke. GPC means Graphitized Petroleum Coke, and semi graphitized petroleum coke and fully graphitized petroleum coke are treated as part of the GPC product family.

### — Petroleum Coke Specification Checklist

Field	What buyers should provide	Why it matters
Product direction	Petroleum coke, CPC / Calcined Petroleum Coke or GPC / Graphitized Petroleum Coke	Sets the correct product family and specification basis
Fixed carbon	Target value or acceptable range	Helps match carbon level and available batches
Sulfur content	Maximum value or target range	Important for foundry, metallurgy and aluminum carbon material use
Ash, moisture, volatile matter	Test values, target ranges or control limits	Shows impurity level, drying condition and batch stability
Particle size	0-1 mm, 1-5 mm or another required range	Affects screening, packing, feeding and application performance

## Inquiry Checklist

- Product name: petroleum coke, CPC / Calcined Petroleum Coke or GPC / Graphitized Petroleum Coke
- Fixed carbon, sulfur content, ash, moisture and volatile matter requirements
- Particle size range and application
- Quantity, packing method, destination and expected delivery time
- Whether sample, test report or batch photos are required

## FAQ

Which petroleum coke specification should buyers check first?

Start with product direction, fixed carbon, sulfur content and particle size. Then confirm ash, moisture, volatile matter, application, quantity, packing and destination.

Are CPC and GPC both petroleum coke purchasing topics?

They can be discussed in petroleum coke purchasing, but the terms must be clear. CPC is Calcined Petroleum Coke, while GPC is Graphitized Petroleum Coke.

Can a supplier quote with only fixed carbon and sulfur content?

Those values are useful for an initial discussion, but particle size, quantity, packing, destination and application are also needed for a practical quote.

RFQ Next Step / 下一步询价

GPC / Graphitized Petroleum Coke

Related page: </products/gpc-graphitized-petroleum-coke/> Quote: </quote/>