

Product Data Sheet

Graphitized Petroleum Coke (GPC) — Economy Grade

Description

Description	Economy grade graphitized petroleum coke (GPC) is a cost-effective carbon raiser with fixed carbon min. 98.0%. With acceptable graphitization and absorption at a lower price point, it is suited to cost-sensitive electric arc furnace steelmaking.
Applications	Used as a cost-effective recarburiser in cost-sensitive EAF steelmaking.
Used In	Cost-sensitive EAF

Key Benefits

- Economical – fixed carbon min. 98.0%
- Sulphur max. 0.10%, nitrogen max. 0.050%
- Graphitization degree $\geq 90\%$
- Absorption rate 88–90%
- Cost-effective for price-sensitive EAF

Chemical Analysis & Physical Data

Chemical Composition

Parameter	Specification
Fixed Carbon (F.C.)	Min. 98.0%
Sulphur (S)	Max. 0.10%
Nitrogen (N)	Max. 0.050%
Ash	Max. 1.0%
Volatile Matter (VM)	Max. 1.0%
Moisture	Max. 0.5%

Physical Properties

Property	Specification
Graphitization Degree	$\geq 90\%$
Absorption Rate	88 – 90%

Bulk Density	0.72 – 0.80 g/cc
Form	Granular / sized (to spec)
Primary Use	Cost-sensitive EAF

* Typical values; lot-dependent. Test methods available upon request.

Packaging

- 25 kg / 50 kg PP / HDPE woven bags
- 1 MT / 1.25 MT Jumbo Bags (FIBC)
- Loose in bulk for large industrial / export orders
- Custom packaging available on request.

Storage & Handling

- Store in a dry, covered area protected from moisture
- Keep away from ignition sources and strong oxidisers
- Avoid dust generation; provide adequate ventilation
- Handle with appropriate PPE to control dust

Disclaimer: The information provided in this document is based on our current knowledge and is intended as a general guide. Specifications vary by lot; figures are typical values. Ochnology Solution Pvt. Ltd. reserves the right to modify specifications without prior notice. Buyers are advised to conduct their own testing for specific applications.