

Introduction

Panjin G-High Carbon Products Co., Ltd was founded in May 2005, and it is the earliest and the only enterprise which possesses Nine-tier Calcliner in Panjin district. Only after seven years' development, seven years' accumulation and seven years' evolution, could G-HIGH BRAND be brought out, as well as quality products, savory reputation, trustworthy service, and the so called "G-High Kong Fu".

Panjin G-High Carbon Products Co., Ltd is believed as leader in manufacturing carbon additives of Calcined Petroleum Coke, Graphite Petroleum Coke and other carbon products for steel training and other applications. G-High Carbon is the only enterprise in the foundry area in Northeast China who holds the QMS ISO 9001:2008 certificate issued by SGS, and it is the inspection-free CPC supplier approved by State Entry-Exit Inspection and Quarantine Bureau.

Adhering to the core value of "Do as we promised", G-High Carbon provides customers with qualified products and value-added services, winning the long-term support and trust from customers at home and abroad, as well as distributors.

To become the outstanding supplier of Calcined Petroleum Coke and other carbon products is our ultimate goal! G-High Carbon will unceasingly strive for it!

Panjin G-High Carbon Products Co., Ltd

Tel: 86-139-42787316

Fax: 86-427-5866483

Email: sales@ghighcarbon.cn

Web: www.ghighcarbon.cn

Postcode: 124117

calcined petroleum coke, carbon additive, calcined anthracite coal, graphite petroleum coke, carbon block, electrode paste

Add: Majia Village, Shaling Town, Panshan County, Panjin City, Liaoning Province, China

You can also find us in Google map with the keyword of PANJIN GHIGH CARBON:

<http://maps.google.com.hk/maps/place?cid=4935101679662154317&q=PANJIN+GHIGH+CARBON&hl=en&dtab=0&sll=41.129053,122.355852&spn=0.071946,0.071946&brcurrent=3,0x0:0x0,0&ie=UTF8&ll=41.202681,122.255516&spn=0,0&z=12>

Roger Leow

Sales Department

Sales manager

Tel: 86-139-42787316

Fax: 86-427-5866483

Email: sales@ghighcarbon.cn

Web: www.ghighcarbon.cn

PRODUCTS

G-High Carbon meets the customers' request on each specification, quality and quantity, which is closely related to the strict, scientific and detailed management of the enterprise and the employees' one hundred percent execution as well. By high level operations and on the basis of ensuring quality as it did in the past, G-High Carbon will try its best to raise the product capacity to meet larger needs from more customers.

Calcined Petroleum Coke

Graphite Petroleum Coke

Calcined Anthracite Coal

Graphite Electrode

Calcined Petroleum Coke

By strictly practicing YB/T 192-2001, G-High Carbon develops many kinds of carbon-additives according to customers' requirements, which contains high carbon, low sulphur, low nitrogen and few harmful impurities. These products are playing a very positive role in improving quality and lowering consumption in metallurgical industry, and they have been preferred by most of the major manufactures. Meanwhile, they are also widely used in chemical industry.

Since its founding, G-High Carbon has made rapid progress due to increasingly improved production management and quality control system. By stable production and supply capacity, G-High Carbon has been the ORIGIN for many trading companies and metallurgical factories when they look for qualified carbon additives.

Specifications:

GH-CPC-1

FC(Fixed Carbon) : 98.5% min

Ash: 0.5% max

VM(Volatile Matter): 0.5% max

S(Sulphur): 0.3% max

Moisture: 0.5% max

GH-CPC-2

FC(Fixed Carbon) : 98.5% min

Ash: 0.5% max

VM(Volatile Matter): 0.5% max

S(Sulphur): 0.5% max

Moisture: 0.5% max

GH-CPC-3

FC(Fixed Carbon) : 98.5% min

Ash: 0.7% max

VM(Volatile Matter): 0.8% max

S(Sulphur): 0.8% max

Moisture: 0.5% max

GH-CPC4

FC(Fixed Carbon) : 98.5% min

Ash: 0.7% max

VM(Volatile Matter): 0.8% max

S(Sulphur): 1.2% max

Moisture: 0.5% max

Size: 0-1mm, 1-3mm, 1-5mm, 3-8mm, 1-10mm, or at customers' option

Graphited Petroleum Coke

G-High Graphite Petroleum Coke is widely used as carburant in the steel-making industry and precision casting industry, reduction pregnant agent in the casting industry, reducing agent in metallurgical industry and as one kind of refractories, etc.

G-High Graphite Petroleum Coke could promote the nucleation of the

graphite in liquid iron, increase the amount of spheroidal graphite, and improve the structure and the grade of grey iron.

Based on the microstructure observation, the features of G-High Graphite Petroleum Coke are as the following:

First, it can greatly increase the proportion of ferrite content of the nodular cast iron without pearlite stabilizer; Second, it can increase the percentage of V and VI shaped graphite when it is used; Third, comparing with the improvement of the shape of spheroidal graphite, the great increase of spheroidal graphite amount can decrease the usage of expensive nucleating agent for later micro-adjustment and save the cost remarkably.

Specifications:

GH-GPC-1

FC(Fixed Carbon) : 98% min

Ash: 1% max

VM(Volatile Matter): 1% max

S(Sulphur): 0.05% max

Moisture: 0.5% max

N(Nitrogen): 0.03% max

H(Hydrogen): 0.01% max

GH-GPC-2

FC(Fixed Carbon) : 98.5% min

Ash: 0.7% max

VM(Volatile Matter): 0.8% max

S(Sulphur): 0.05% max

Moisture: 0.5% max

N(Nitrogen): 0.03% max

H(Hydrogen): 0.01% max

GH-GPC-3

FC(Fixed Carbon) : 99% min

Ash: 0.5% max

VM(Volatile Matter): 0.5% max

S(Sulphur): 0.03% max

Moisture: 0.5% max

N(Nitrogen): 0.03% max

H(Hydrogen): 0.01% max

Size: 1-3mm, 1-5mm, 0.5-6mm, 1-10mm, or at customers' option

Calcined Anthracite Coal

Electrical Calcined Anthracite

Best quality Anthracite as raw materials through high temperature calcined at over 2000°C by the DC electric calciner with results in eliminating the moisture and volatile matter from Anthracite efficiently, improving the density and the electric conductivity and strengthening the mechanical strength and anti-oxidation. It has good characteristics with low ash, low resistivity, low sulphur, high carbon and high density. It is the best material for high quality carbon products. It is used as carbon additive in steel industry or fuel.

Specifications:

GH-ECA-1

FC(Fixed Carbon) : 96% min

Ash: 3.5% max

VM(Volatile Matter): 0.5% max

S(Sulphur): 0.3% max

Moisture: 0.7% max

GH-ECA-2

FC(Fixed Carbon) : 95% min

Ash: 4.5% max

VM(Volatile Matter): 0.5% max

S(Sulphur): 0.3% max

Moisture: 0.7% max

GH-ECA-3

FC(Fixed Carbon) : 93% min

Ash: 6.5% max

VM(Volatile Matter): 0.5% max

S(Sulphur): 0.3% max

Moisture: 0.7% max

Size: 1-3mm, 1-4mm, 1-5mm, 4-10mm, or at customers' option

Calcined Anthracite Coal

G-High Calcined Anthracite is produced when Anthracite is calcined under the temperature of 1240°C in vertical shaft furnaces. G-High Calcined Anthracite is mainly used in electric steel ovens, water filtering, rust removal in shipbuilding and production of carbon material.

Specifications:

GH-CAC-1

FC(Fixed Carbon) : 95% min

Ash: 4.0% max

VM(Volatile Matter): 1.0% max

S(Sulphur): 0.3% max

Moisture: 1.0% max

GH-CAC-2

FC(Fixed Carbon) : 93% min

Ash: 5.5% max

VM(Volatile Matter): 1.5% max

S(Sulphur): 0.3% max

Moisture: 1.0% max

GH-CAC-3

FC(Fixed Carbon) : 90% min

Ash: 8.0% max

V(Volatile Matter): 2.0% max

S(Sulphur): 0.5% max

Moisture: 1.0% max

Size: 1-3mm, 1-4mm, 1-5mm, 4-10mm, or at customers' option

Graphite Electrode

G-High Graphite Electrodes are made from Petroleum Coke and Needle Coke, using Coal Tar Pitch as agglutinant, produced through the process of calcining, mixing, kneading, compressing, roasting, graphitization and machining, etc.

G-High Graphite Electrodes have the properties of superior electric conductivity and chemical stability, high mechanical strength, less impurity, seismic performance in high temperature. G-High Graphite

Electrodes are mainly used for steel-making in electric furnaces, mineral hot furnaces and electric resistance furnaces.

Graphite Electrodes conduct electric current into the furnace. Electric current produces arc in the smelting district, when the temperature increases to about 2000°C, smelting begins. Our series of Graphite Electrodes are applicable to the common furnaces and high power furnaces with high voltage and short arc. G-High Graphite Electrodes are classified into three classes.

NP Graphite Electrodes: mainly used in common power electric ovens for smelting steel, smelting silicon and smelting yellow phosphorus;

HP Graphite Electrodes: mainly used in high power electric ovens for smelting steel;

UHP Graphite Electrodes: mainly used in ultra high power electric ovens for smelting steel.

Specifications:

NP Grade Dia100-500mm

Resistivity: Electrode 8.5μΩM Nipple 8.5μΩM

Bending strength: Electrode 9.8 Mpa Nipple 13.0 Mpa

Elastic Modulus: Electrode 9.3 Gpa Nipple 14.0 Gpa

Bulk Density: Electrode 1.53 g/cm³ Nipple 1.69 g/cm³

CTE: Electrode 2.9 Nipple 2.8

Ash: Electrode 0.5% Nipple 0.5%

Ash: Electrode 0.3% Nipple 0.5%

HP Grade Dia 300-500mm

Resistivity: Electrode 6.5μΩM Nipple 6.0μΩM

Bending strength: Electrode 10.0 Mpa Nipple 14.0Mpa

Elastic Modulus: Electrode 12.0Gpa Nipple 16.0 Gpa

Bulk Density: Electrode 1.63 g/cm³ Nipple 1.72g/cm³

CTE: Electrode 2.2 Nipple 2.0

Ash: Electrode 0.3% Nipple 0.3%

UHP Grade Dia 350-500mm

Resistivit: Electrode 6.5 $\mu\Omega\text{M}$ Nipple 5.5 $\mu\Omega\text{M}$

Bending strength: Electrode 10.5 Mpa Nipple 16.0Mpa

Elastic Modulus: Electrode 14.0Gpa Nipple 18.0 Gpa

Bulk Density: Electrode 1.65 g/cm³ Nipple 1.72g/cm³

CTE: Electrode 1.5 Nipple 1.4

Ash: Electrode 0.3% Nipple 0.3%