

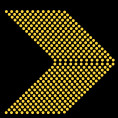


GOLDEN QUEEN BUSINESS

NIT: 9013912183



Catalog of Products



MINERALS

Maximizing the potential of our company through the trade of minerals around the world



Updated
16 July, 2023

MORE INFORMATION
+57 302 828 7082



VISIT OUR WEBSITE
www.goldqueenbusiness.com



Address: Career 15 N° 13 - 55 Duitama
(Boyacá - Colombia)

EXPORT QUALITY PRODUCTS BUSINESS PHILOSOPHY GOLDEN QUEEN BUSINESS S.A.S.

We are in the permanent and active search for business opportunities in South America and anywhere in the world, offering products of high quality standards. We have a suitability comprised of professionalism and work experience at an international level, which guarantee 100% achievement of results, as well as a transparent transaction throughout the entire business process.

We have strategic alliances with coal, iron and other mining companies, counting in this regard on national and international business partners with a high degree of commitment and responsibility, to effectively deliver high-quality products to all our customers.



RESPONSABILIDAD
Y HONESTIDAD
COMERCIAL



COMPROMISO CON
NUESTROS
CLIENTES



PUNTUALIDAD Y
ÉXITO EN
NEGOCIACIONES

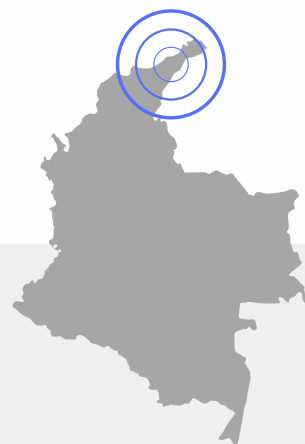


CALIDAD EN
TODOS NUESTROS
PRODUCTOS Y
SERVICIOS

WE ARE YOUR BEST BUSINESS PARTNER

Our commitment is to become the best commercial ally of our national and international clients, through Innovation and market evolution based on customer needs.

Thermal Coal Type A

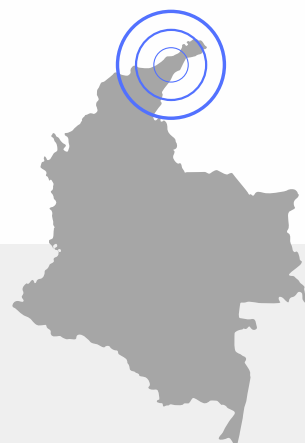


CHARACTERISTICS

Calorific Value Btu/Lb.....	12600 - 13950.
Calorific Value Kcal/Kg.....	7750.
Residual Moisture.....	3 - 6%.
Ash, % by mass.....	6.0 - 10.0%.
Volatile Matter % by mass.....	36 - 44%.
Fixed Carbon (calculated), % by mass.....	52 - 56%.
Total Sulfur, % by mass.....	0.98 - 1.0%.

Mineral **Coal** from Colombia, very rich in carbon and with variable amounts of other elements, mainly hydrogen, sulfur, oxygen and nitrogen. It is mainly used as fossil fuel.

Type B Thermal Coal

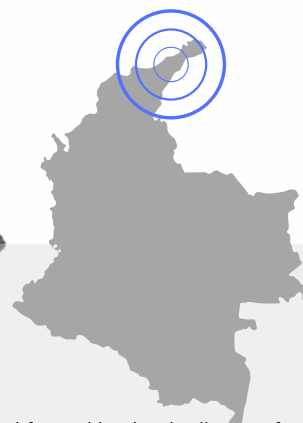


CHARACTERISTICS

Heating Value Btu/Lb.....	10,800 - 11,800.
Calorific Value Kcal/Kg.....	6600 - 6950.
Residual Moisture.....	2 - 5.0%.
Ash, % by mass.....	11.0 - 15.0%.
Volatile Matter % by mass.....	30.0 - 40.0%.
Fixed Carbon (calculated), % by mass.....	44.20%.
Total Sulfur, % by mass.....	1 - 1.2%.

Mineral **Coal** from Colombia, very rich in carbon and with variable amounts of other elements, mainly hydrogen, sulfur, oxygen and nitrogen. It is mainly used as fossil fuel.

Coal Coque

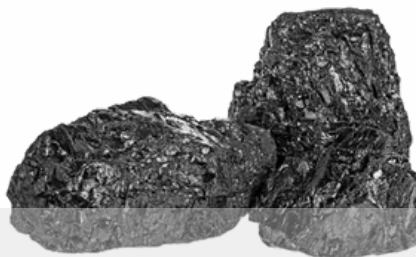


CHARACTERISTICS

Calorific Value Kcal/Kg.....	6800 - 7200.
Phosphorus.....	0.08%.
Residual Moisture.....	5% - 10.0%.
Ash, % by mass.....	14 - 15%.
MICUM (All in One).....	40 - 80%.
MICUM (Granules).....	40 - 80%.
Total Sulfur, % by mass.....	Max. 1.0%

Coque is a solid fuel formed by the distillation of bituminous coal heated to temperatures of 500 to 1100 °C without contact with air. The distillation process involves the removal of tar, gases and water. It is made up of between 90 and 95% carbon. Coke is used in large quantities in blast furnaces for the production of iron, taking advantage of the following chemical reactions.

Anthracite Mineral Coal



CHARACTERISTICS

Total Sulfur, % by mass.....	Max. 1.0%
Residual Moisture.....	5% - 10%.
Ash, % by mass.....	3 - 9.5%.
Volatile Material.....	5- 8.50% Minimum.
Fixed Carbon.....	78 - 91 %.
Calorific Power.....	6667 Kcal/Kg or 12000 BTU.

Anthracite is the most metamorphosed mineral coal, the one with the highest carbon content, being dry and without counting ashes, the mass of anthracite has 86% or more carbon and 14% or less volatiles. Compared to other coals, it is not very polluting and has a high calorific value (~35 MJ/kg).

Asphaltites

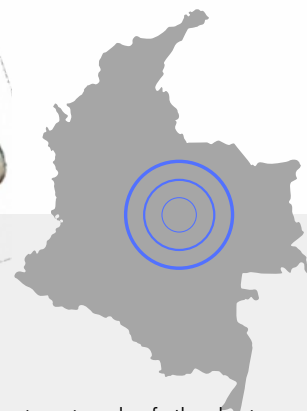


CHARACTERISTICS

Softening temperature.....	175°C - 190°C.
Moisture content.....	< 0.5%.
Ash.....	< 1.5%.
Specific Gravity.....	1.04 - 1.10.
Hardness.....	2 (Moss scale).
Penetration.....	(25°C) 0.
Purity.....	> 98.5%.
Carbon.....	82-86%.
Hydrogen.....	10-14%.
Nitrogen.....	3-4%.
Oxygen.....	1.2-2%.
Asphalt.....	82-86%.
Resin.....	16-18%.
Oil.....	1-3%.

Asphaltite is a solid hydrocarbon derived from petroleum. It is a mineral product, light, brittle, with few impurities and high calorific power, with a resinous appearance and conoidal fracture in fresh forms, with a high melting point, higher than 110° C.

Barium Sulfate (Barite)

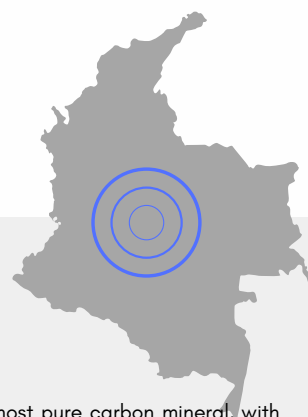


CHARACTERISTICS

Density.....	4.20 g/cm ³ .
PH (10% Aqueous Suspension).....	7-8.
Humidity.....	0.2% -1.0%.
Purity (BaSO ₄).....	90.00% -98.8%.
BaO.....	>58%.
SiO ₂	1.5 - 5.0%.
Earthly materials Ca ⁺⁺ and Mg ⁺⁺	250ppm Max.

Barite is the main mineral of the barium element. important in the manufacture of paper and rubber. The barite is also used in radiology for x-rays of the digestive system. When crushed, it is added to mud to form barium mud, which is poured into oil wells during drilling. A rich white pigment was once made from crushed barite.

Carbon Graphite in Stone



CHARACTERISTICS

Calorific Value Kcal/Kg.....	7250 - 8150.
Total Humidity.....	2.98.
Ash, % by mass.....	7.3 - 17.3%.
Volatile Matter % by mass.....	17.78 - 18.73%.
Fixed Carbon (calculated), % by mass.....	60.2 - 73.0%.
Total Sulfur, % by mass.....	1.4 - 2.3%.

Graphite is an almost pure carbon mineral, with a compact texture, black color and metallic luster, greasy to the touch and a good conductor of electricity; It comes from carbonaceous rocks that have undergone metamorphism and is used to make pencils, refractory crucibles, electrolytic anodes, lubricating products, etc.

Manganese MN/MNO

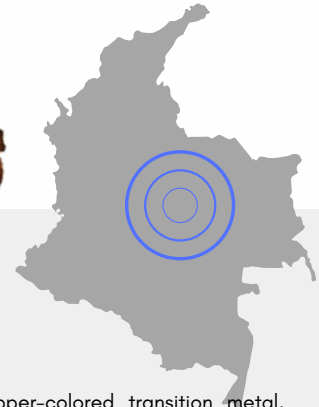


CHARACTERISTICS

Density at 20 °C.....	7.4 g/cc.
Melting Point.....	1244 °C.
Latent Heat of Evaporation.....	4207 J/K Kg.
Boiling point.....	1962 °C.
Specific Heat at 25 °C.....	477 J/K Kg.
Latent Heat of Fus.....	267 J/K Kg.
Conduct. Thermal.....	7.81 Wm-1 K-1.

Manganese is a metal from the group of transition elements, silvery-white in color, shiny, hard and brittle, fire resistant and highly oxidizable; It is very abundant in nature, where it is found in the form of ores, the main one being pyrolusite; It is used in iron alloys to make steel, and its compounds are used in paints, varnishes, dyes, etc.

Copper



CHARACTERISTICS

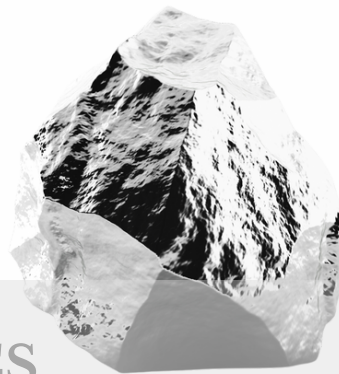
Material: Copper, Cu.

Minerals from which it is obtained: Chalcocite and Chalcopyrite.

Density.....8.96 g/cm³.
Melting point.....1357.77 °K (1084.62 °C).
Resistivity.....0.017 Ω* mm²/m.
Hardness (Mohs Scale).....3.0.
Tensile strength.....42 kg/mm².

Copper is a copper-colored transition metal, that is, reddish-orange, with a metallic luster that, together with silver, gold and roentgenium, is part of the so-called copper family. It is one of the best conductors of electricity (second only to silver). Thanks to its high electrical conductivity, its ductility and its malleability, it is the most widely used material to manufacture electrical cables and other electrical elements and electronic components.

Aluminum



CHARACTERISTICS

Density.....2700 Kg/m³.
Melting Point.....600 °C.
Modulus of Elasticity.....69.5 GPa.
Electrical Resistance.....0.03 x 10⁻⁶ O.m.
Thermal Conductivity.....200 W/m.k.

It is **Aluminum** is a metal of low density and extremely light, soft, malleable and silvery-white in color. Aluminum is a good conductor, both electrical and thermal, and it reflects well the electromagnetic radiation of the visible spectrum.



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