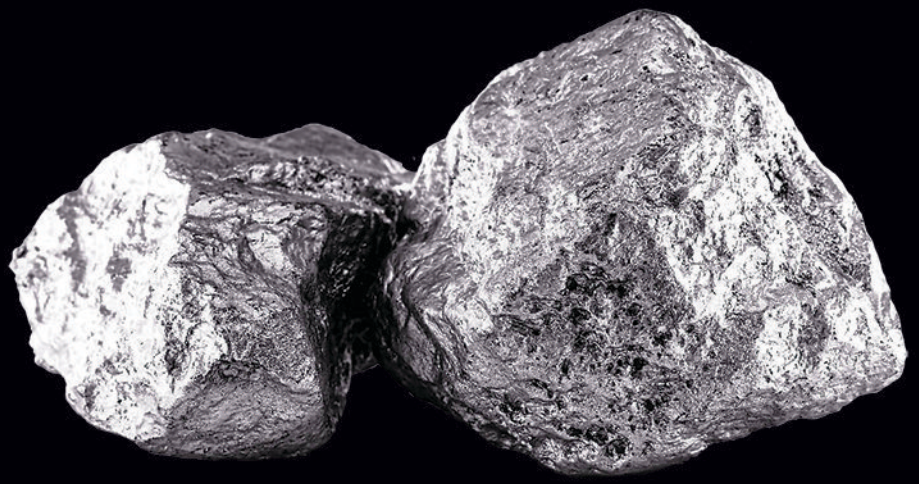

Seamless Supply
Endless Possibilities
DORNICO
FELEZ
DORNICO
HOLDING COMPANIES
Dornico Group
Trade, Industry, and Innovation

Seamless Supply, Endless Possibilities



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DORNICO FELEZ

DORNICO HOLDING COMPANIES

Dornico Group

Trade, Industry, and Innovation

About Us

Founded in 2018, DornicoFelez is a distinguished member of the Dornico Group, dedicated to leading the global trade of metals commodities. With operational hubs in Tehran, Isfahan, and Bandar Abbas, and representatives in Turkey, China, the UAE, and Europe, we have built a formidable global network of partnerships with top-tier metal producers and suppliers. Our expertise spans steel, aluminum, ferroalloys, and spare parts for metal plants, enabling us to deliver high-quality products at competitive prices. Our robust logistics infrastructure, financial flexibility, and commitment to sustainability position us as a reliable partner for clients in diverse industries, including construction, automotive, aerospace, and energy. At DornicoFelez, we pride ourselves on fostering long-term relationships based on transparency, innovation, and mutual success.

Mission

To facilitate seamless trade in metals commodities, connecting manufacturers with clients globally while ensuring flexibility, quality, and sustainability.

Vision

To lead the global trade of metals commodities and grow as a competitive, innovative player in the international metals market.

What We Do

At DornicoFelez, we streamline the global metals supply chain by offering end-to-end solutions tailored to the needs of our clients. From sourcing high-quality raw materials like iron ore, bauxite, and ferroalloys to delivering semi-finished products such as slabs, billets, and aluminum ingots, we ensure precision and efficiency at every stage. Our services encompass procurement, logistics management, project oversight, and quality assurance, all compliant with international standards. Operating in key markets across Asia, the Middle East, and CIS countries, we provide flexible payment terms, certified documentation, and expert consultation to optimize supply chains for steel and aluminum production. DornicoFelez is committed to delivering value through innovation, sustainability, and unparalleled service.

Who We Are

DornicoFelez, established in 2018 as a proud member of the Dornico Group, is a leading force in the global trade of metals and commodities. Headquartered in Iran with a robust network of representatives in Turkey, China, the UAE, and Europe, we specialize in delivering high-quality steel, aluminum, ferroalloys, and steel-making additives to clients worldwide. Our mission is to connect manufacturers with global markets through seamless, sustainable, and innovative trading solutions. Backed by a customer-centric approach and deep industry expertise, DornicoFelez is your trusted partner for metals trading, fostering lasting relationships built on trust, reliability, and excellence.

Sustainability

At DornicoFelez, sustainability is at the core of our operations. We are committed to responsible sourcing, efficient logistics, and environmentally conscious practices to minimize our ecological footprint. By partnering with suppliers who adhere to international environmental standards, we ensure that our products, from iron ore to aluminum ingots, are produced with minimal environmental impact. Our logistics solutions prioritize multimodal transportation to reduce emissions, and we invest in supply chain optimization to enhance resource efficiency. Additionally, we promote sustainable trade development in the Middle East, Asia, and beyond, fostering economic growth while preserving natural resources for future generations. DornicoFelez is dedicated to balancing profitability with environmental stewardship, ensuring a sustainable future for the metals industry.

Products

DornicoFelez offers a comprehensive portfolio of high quality metals and commodities, categorized into three key groups: Steel, Aluminum, and Colored Metals & Steel Making Additives. Each product is sourced and processed to meet stringent international standards, ensuring reliability and performance across diverse industrial applications.

- Steel Group
- Aluminum Group
- Colored Metals &
  Steel Making Additives Group

Steel Group

The Steel Group provides essential raw materials and semi-finished products for steel production, meeting the rigorous demands of industries like construction, automotive, and infrastructure.

Hematite Iron Ore

A primary raw material for steelmaking, known for its high iron content and availability.

Applications

Utilized in blast furnaces and sintering plants for construction and industrial steel.

Range of Specifications

Iron content of 62-70%, low phosphorus (< 0.08%), sulfur (< 0.05%), lump or fine forms (0-10 mm).

Magnetite Iron Ore

A high-grade iron ore with magnetic properties, valued for its high iron content and ease of processing.

Applications

Used in blast furnaces and direct reduction plants for efficient steel production.

Range of Specifications

Iron content of 60-68%, low impurities (SiO_2 < 5%, Al_2O_3 < 2%), particle sizes 0-10 mm (concentrates) to 10-40 mm (lumps).





Iron Ore Concentrate

A finely processed product with high iron purity, enhancing steel production efficiency.

Applications

Used in pelletizing and sintering for steel manufacturing.

Range of Specifications

Iron content of 66-70%, particle size < 0.1 mm, low impurities (SiO_2 < 4%, P < 0.05%).

Iron Ore Pellets

Small, spherical balls of iron ore optimized for steelmaking furnaces due to uniform size and high iron content.

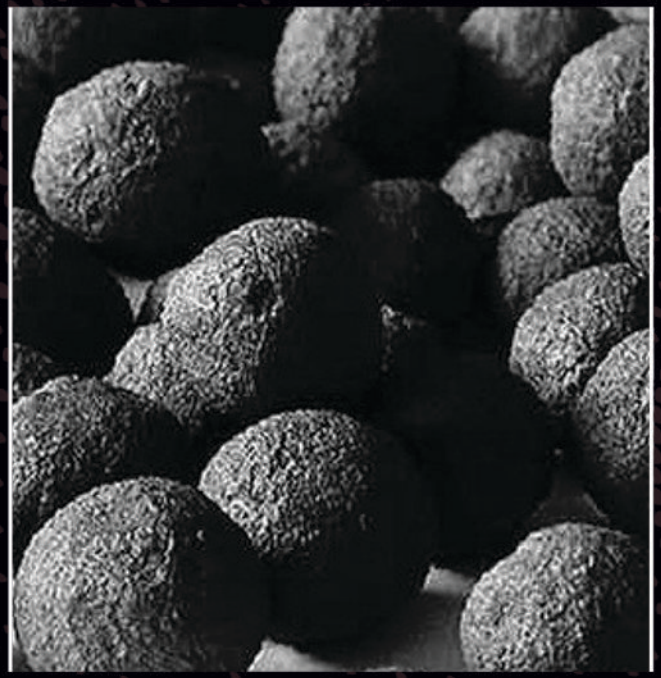
Applications

Employed in blast furnaces and direct reduction plants for automotive and construction steel.

Range of Specifications

Iron content of 65-68%, pellet diameter 9-16 mm, compressive strength > 2500 N/pellet, silica < 5%.





DRI (Direct Reduced Iron)

Sponge iron produced by reducing iron ore, offering high-purity feedstock for steelmaking.

Applications
Used in electric arc furnaces for construction, automotive, and machinery steel.

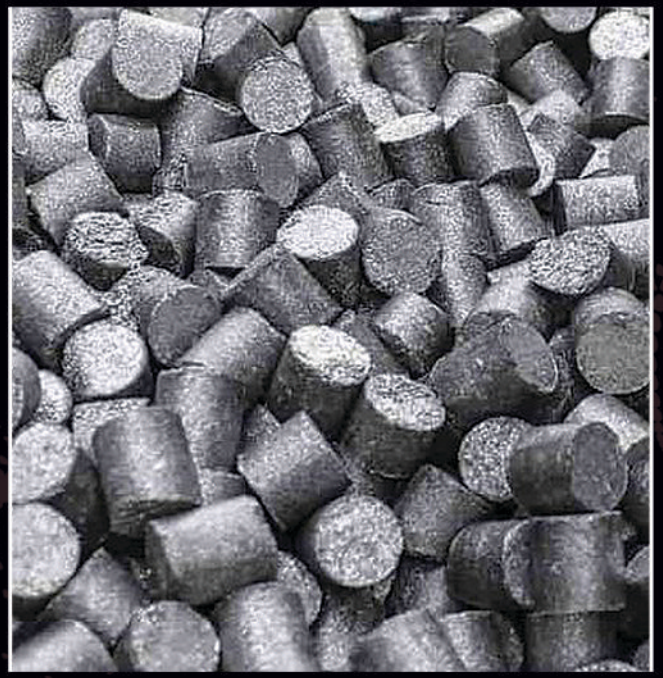
Range of Specifications
Metallization rate of 90-94%, iron content of 88-92%, carbon 1-2.5%, lump or pellet form.

HBI (Hot Briquetted Iron)

Compacted DRI designed for safe handling and transport, with high iron content.

Applications
Utilized in electric arc and basic oxygen furnaces for infrastructure steel.

Range of Specifications
Metallization rate of 92-95%, iron content of 90-93%, density > 5 g/cm³, briquette size 90-110 mm.





Slab & Billet

Semi-finished steel products for rolling mills to produce flat or long steel products.

Applications

Slabs for plates/sheets (automotive, shipbuilding), billets for bars/rods (construction).

Range of Specifications

Slabs (width 800-2000 mm, thickness 150-300 mm), billets (100×100 mm to 200×200 mm), ASTM/EN standards.

Rebar

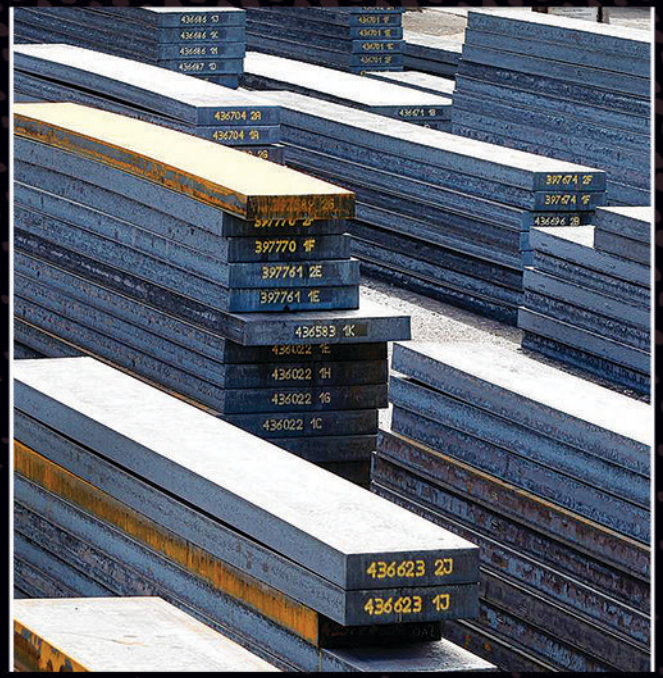
Reinforcing bars providing tensile strength to concrete in construction.

Applications

Used in buildings, bridges, and infrastructure projects.

Range of Specifications

Diameters 8-40 mm, ASTM A615 (Gr. 40, 60, 75), tensile strength 400-600 Mpa.







Aluminum Group

The Aluminum Group offers raw materials, intermediates, and finished products for aluminum production, catering to lightweight, corrosion-resistant applications.

Bauxite (Aluminum Hydroxide)

Primary ore for aluminum production, rich in aluminum hydroxide.

Applications

Used in alumina refineries to produce aluminum oxide.

Range of Specifications

Al_2O_3 content 40-60%, lump sizes 0-100 mm, silica < 7%.

Alumina

Refined aluminum oxide used as the primary material in aluminum smelting.

Applications

Essential for aluminum production, also used in ceramics and refractories.

Range of Specifications

Purity > 98.5%, particle size 50-150 µm, sodium < 0.4%.





AlF3 (Aluminum Fluoride)

A critical additive in aluminum smelting, reducing alumina's melting point and improving electrolysis efficiency.

Applications

Enhances energy efficiency in aluminum smelting plants.

Range of Specifications

Purity > 98%, particle size 20-100 µm, low impurities (Fe_2O_3 < 0.05%).

Cryolite

A flux in aluminum smelting, reducing energy requirements and improving efficiency.

Applications

Enhances conductivity in aluminum smelting.

Range of Specifications

Purity > 98%, Na_3AlF_6 content > 95%, particle size 0-10 mm.





Anode Carbon Block

Carbon or metal-based components collecting molten aluminum in smelting.

Applications
Used in aluminum smelting cells.

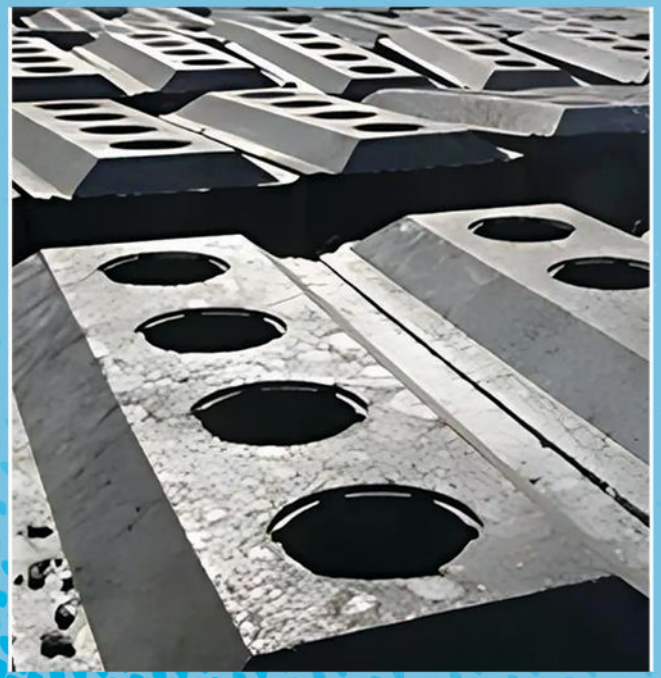
Range of Specifications
Carbon-based (resistivity < 30 μΩm) or metal-based with high corrosion resistance.

Cathode Carbon Blocks

Carbon or metal-based components collecting molten aluminum in smelting.

Applications
Used in aluminum smelting cells.

Range of Specifications
Carbon-based (resistivity < 30 μΩm) or metal-based with high corrosion resistance.





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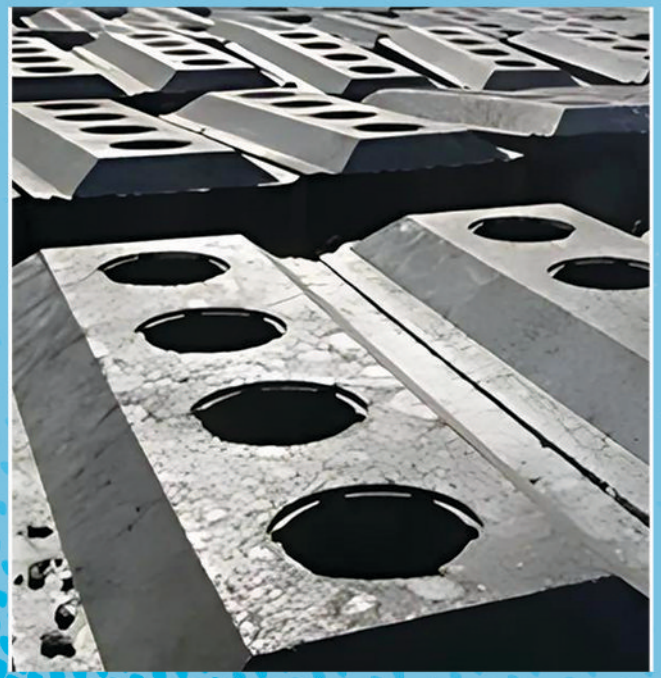
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Silicon Metal

High-purity silicon used to produce aluminum alloys with enhanced mechanical properties.

Applications

Incorporated into alloys for automotive, aerospace, and construction.

Range of Specifications

Silicon content 98.5-99.5%, lump sizes 10-100 mm, low iron (< 0.5%).

Coal Tar Pitch (CTP)

A binder material for aluminum anode production, ensuring durability and conductivity.

Applications

Used in anode manufacturing and carbon products.

Range of Specifications

Softening point 100-120°C, carbon > 80%, ash < 0.5%.





Calcined Petroleum Coke (CPC)

High-purity carbon used in aluminum anode production and steelmaking.

Applications
Used in anode manufacturing and as a recarburizer.

Range of Specifications
Carbon > 98%, sulfur < 1%, particle size 0-50 mm.

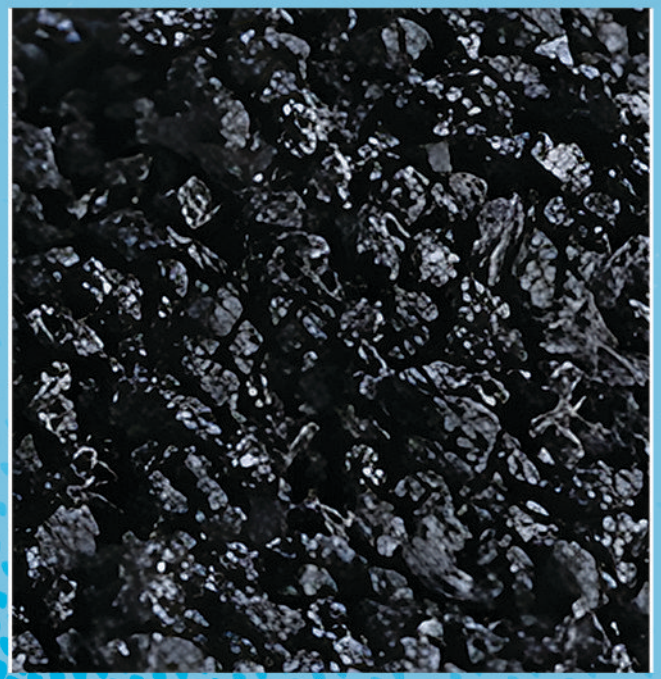
Pure Aluminum

High-purity aluminum used as a base material for manufacturing.

Applications

Used in casting, extrusion, and rolling for automotive, aerospace, and packaging.

Range of Specifications
Purity 99.7-99.9%, ingot weight 20-25 kg, low impurities (Fe < 0.2%, Si < 0.1%).





Aluminum Rod

Lightweight, corrosion-resistant aluminum rods for industrial applications.

Applications

Used in electrical conductors, construction, and automotive components.

Range of Specifications

Diameters 9-20 mm, purity > 99.7%, tensile strength 150-300 Mpa.

Aluminum Hardeners

Alloying agents enhancing aluminum alloys' mechanical properties.

Applications

Used in aerospace, automotive, and structural alloy production.

Range of Specifications

Contains Ti, Cr, or Mn (5-10%), tablet or ingot form.







Colored Metals & Steel Making Additives Group

Specialized alloys and additives enhancing steel and metal properties for advanced metallurgical processes.

Ferro Manganese - High Carbon

Ferroalloy with high carbon, adding manganese for steel strength.

Applications
Used in carbon steel for construction.

Range of Specifications
Mn 70-80%, C 6-8%, lump size 10-100 mm.



Ferro Manganese - Low Carbon

Low-carbon ferroalloy for high-quality steel with minimal carbon.

Applications
Used in precision and stainless steel.

Range of Specifications
Mn 80-85%, C < 0.5%, lump size 10-50 mm.



Ferro Silico Manganese

Combines silicon and manganese, used as a deoxidizer and alloying agent.

Applications
Used in construction and structural steels.

Range of Specifications
Mn 60-70%, Si 15-20%, C < 2%, lump size 10-100 mm.



Ferro Chrome - High Carbon

Combines silicon and manganese, used as a deoxidizer and alloying agent.

Applications
Used in construction and structural steels.

Range of Specifications
Mn 60-70%, Si 15-20%, C < 2%, lump size 10-100 mm.



Ferro Chrome - Middle Carbon

Moderate carbon ferroalloy for balanced stainless steel.

Applications
Used in automotive and construction stainless steel.

Range of Specifications
Cr 65-70%, C 1-2%, lump size 10-80 mm.



Ferro Chrome - Low Carbon

Low-carbon ferroalloy for high-grade stainless steel.

Applications
Used in medical and aerospace stainless steel.

Range of Specifications
Cr 65-70%, C < 0.1%, lump size 10-50 mm.



Ferro Vanadium

Adds vanadium to steel, enhancing strength and toughness.

Applications
Used in HSLA steels for pipelines and automotive.

Range of Specifications
V 50-80%, lump size 10-50 mm, C < 0.2%.

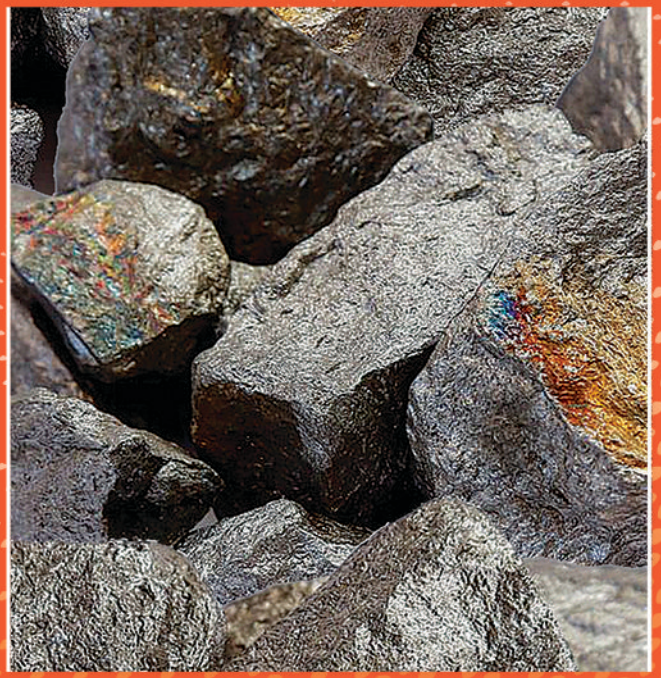
Ferro Niobium

Adds niobium to steel, improving strength and weldability.

Applications
Used in HSLA steels for bridges and automotive.

Range of Specifications
Nb 60-70%, lump size 10-50 mm, C < 0.2%.





Ferro Titanium

Adds titanium to steel, acting as a deoxidizer and grain refiner.

Applications
Used in stainless and specialty steels for aerospace.

Range of Specifications
Ti 30-40%, lump size 10-50 mm, C < 0.1%.



Ferro Phosphorus

Adds phosphorus to steel, enhancing strength and corrosion resistance.

Applications
Used in specialty steels.

Range of Specifications
P 20-25%, lump size 10-50 mm, C < 1%.



Ferro Silicon Zirconium

Adds silicon and zirconium to steel, improving deoxidation and corrosion resistance.

Applications
Used in high-strength automotive and structural steels.

Range of Specifications
Si 40-50%, Zr 30-40%, lump size 10-50 mm.

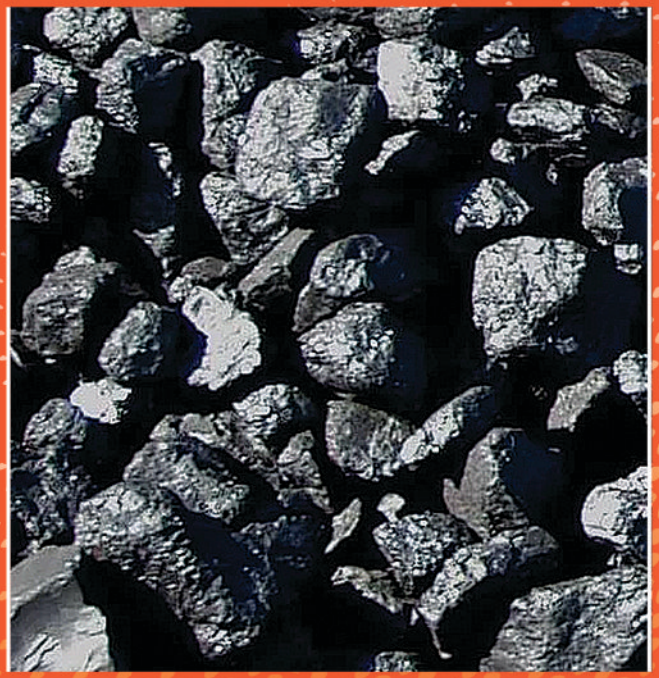
Raw Petroleum Coke (RPC)

Solid carbonaceous material from crude oil refining, serving as a feedstock for calcination or as fuel.

Applications
Aluminum anode production, graphite electrode manufacturing, fuel in industrial kilns.

Range of Specifications
Fixed carbon 80–90%, sulfur 1–6%, volatile matter 8–15%.





Coking Coal (Metallurgical Coke)

Carbon-rich material derived from coking coal, providing heat and carbon source for metallurgical processes.

Applications
Iron and steelmaking blast furnaces, foundries, and non-ferrous metal smelting.

Range of Specifications
Fixed carbon ≥ 85%, ash ≤ 12%, volatile matter ≤ 1.5%, sulfur ≤ 0.7%.



Calcined Petroleum Coke (CPC)

High-purity carbon material obtained by heating RPC to remove volatile matter.

Applications
Aluminum smelting anodes, graphite electrodes, carbon additives in steelmaking.

Range of Specifications
Fixed carbon ≥ 98.5%, sulfur ≤ 0.7%, real density ≥ 2.05 g/cm³.



Graphite Petroleum Coke (GPC)

High-carbon recarburizer produced by graphitizing petroleum coke at high temperatures.

Applications

Carbon additive in steel and foundry industries, improving carbon content and purity.

Range of Specifications

Fixed carbon ≥ 98.5%, sulfur ≤ 0.05%, ash ≤ 0.5%.

Needle Coke

Premium-grade petroleum coke with a needle-like crystalline structure, enabling high conductivity.

Applications

Ultra-high power graphite electrodes, lithium-ion battery anodes.

Range of Specifications

Fixed carbon ≥ 99%, sulfur ≤ 0.5%, coefficient of thermal expansion ≤ 1.0×10^{-6}/°C.





Calcined Anthracite

Anthracite coal heat-treated to improve carbon content and reduce volatile matter.

Applications
Carbon additive in steelmaking, cathode material in aluminum smelting.

Range of Specifications
Fixed carbon ≥ 95%, sulfur ≤ 0.5%, volatile matter ≤ 1.5%.

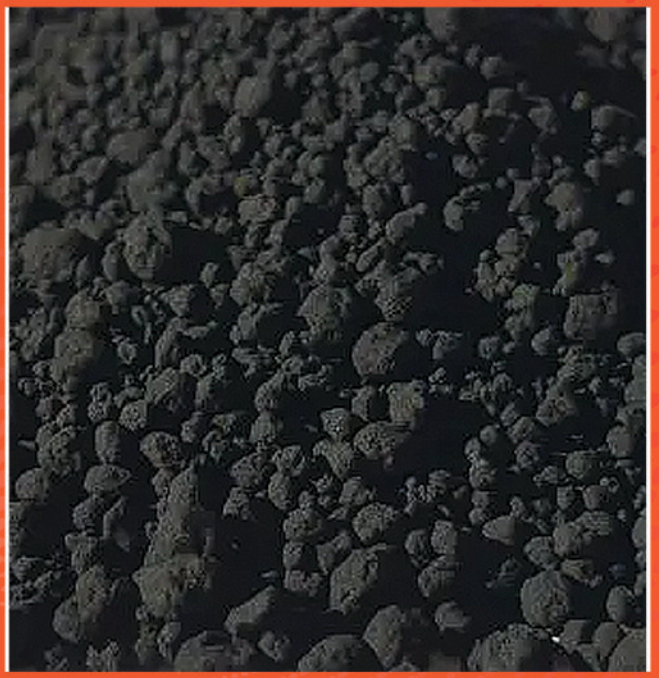
Carbon Black

Fine carbon powder produced from incomplete combustion of hydrocarbons, with high surface area.

Applications
Reinforcing filler in rubber, pigment in plastics, inks, and coatings.

Range of Specifications
Particle size 10–500 nm, iodine adsorption 30–150 mg/g, tint strength ≥ 100%.





Services

DornicoFelez provides a suite of comprehensive services to streamline the metals supply chain, ensuring efficiency, compliance, and client satisfaction. Our offerings are designed to support clients from procurement to delivery, with a focus on flexibility and innovation.

Sourcing and Procurement

We leverage our global network of trusted suppliers to source high-quality raw materials and products, including iron ore, bauxite, ferroalloys, and spare parts, at competitive prices. Our procurement team ensures timely availability and compliance with client specifications.

Logistics and Supply Chain Management

Our robust logistics infrastructure supports multimodal transportation, international shipping, and customs clearance. We offer flexible payment terms and tailored logistics solutions to ensure seamless delivery to markets in Asia, the Middle East, and CIS countries.

Project Management

We provide end-to-end supply chain management for steel and aluminum projects, overseeing every stage from raw material extraction to final product delivery. Our expert team ensures project efficiency, cost optimization, and adherence to timelines.

Quality Assurance Services

Our certified laboratory analysis and compliance verification ensure that all products meet international standards like ASTM, ISO, and DIN. We provide detailed documentation to guarantee quality and traceability.

Regulatory Compliance

We navigate complex customs and regulatory processes, ensuring compliance with safety and industry regulations. Our expertise in local and international standards minimizes delays and ensures smooth operations.

Strategies

DornicoFelez's strategic approach is built on innovation, global expansion, and sustainability, positioning us as a leader in the metals trading industry. Our key strategies include:

Global Market Expansion

We aim to strengthen our presence in key markets like Russia, Azerbaijan, India, China, and CIS countries while exploring new opportunities in Europe and Africa. By understanding local regulations and industrial needs, we tailor solutions to diverse markets.

Sustainable Trade Development

·We prioritize environmentally responsible sourcing and logistics, partnering with suppliers who meet international sustainability standards. Our focus on resource efficiency and emission reduction supports long-term industry sustainability.

Innovation in Supply Chain Solutions

We invest in advanced technologies and data-driven logistics to optimize supply chains, reduce costs, and enhance delivery times. Our customer-centric approach drives innovative solutions for complex logistical and regulatory challenges.

Building Strategic Partnerships

We foster long-term relationships with manufacturers, suppliers, and clients through transparency, trust, and tailored solutions. Our collaborative ecosystem, supported by the Dornico Group, enhances our ability to deliver value globally.

Financial Flexibility

Our strong financial framework enables us to offer competitive pricing and flexible payment terms, supporting clients' operational needs and fostering mutual growth.



Contact Us

DornicoFelez is here to support your metals and commodities trading needs.
Connect with us to explore how we can deliver tailored solutions for your business.

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Regional Offices

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We proudly collaborate with industry leaders for supply and distribution, ensuring quality and reliability in every transaction.

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FELEZ

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