



الجبرون للتجارة ذ.م.م
Al Gibron Trading L.L.C.



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COMPANY PROFILE



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ABOUT US

We AL GIBRON TRADING LLC are the preeminent in Procuring, Manufacturing, Exporting, and Supplying for minerals which are used as raw materials in various industries. The AL GIBRON TRADING LLC was founded in year 2022 in UAE. Through our wide range and quality Minerals and with our specialized focus we are serving to industries like Refractory, Cement, Construction, Glass and Steel Industry, we have been manufacturing, procuring and supplying Silica Fume, Bauxite, Calcined Bauxite, Fly Ash, Gypsum, Silica Sand, Feldspar, Quartz, Talc, etc. with a focused market in India, Africa, Europe and Middle East.

RESOURCES, R&D AND TRANSPORTATION

AL GIBRON TRADING LLC was set-up as a trustworthy mineral solution provider in the mineral industry which has been plagued by unscrupulous and unreliable elements. Our dedicated sourcing and R&D teams ensure the right quality material which is sourced from mines. AL GIBRON TRADING LLC also undertakes supervision of end to end logistics to ensure timely delivery of material.



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OUR COMMITMENT

- AL GIBRON TRADING LLC are committed to service excellence.
- Access to a large and very experienced workforce.
- We follows latest trends and developments locally and internationally.
- Wide range of quality products
- Prompt customer services.
- Maintaining international quality standards.
- Well-trained personnel and management team.
- Highly Developed Research & Development Team.
- Timely delivery of consignments

CARBON ANODE BUTTS



Carbon anode butts are the residual carbon pieces left after the electrolytic reduction of alumina in aluminum smelters. They are the remaining portion of prebaked carbon anodes after consumption in the electrolytic cell.

APPLICATION

- Recycling in Anode Production – Crushed and blended with new coke and pitch to produce fresh carbon anodes.
- Metallurgical Industry – Used as a fuel and reducing agent in steel and ferroalloy production.
- Carbon Raiser – Added to molten metal in foundries to increase carbon content.

CARBON POWDER

Carbon powder from anode butts is produced by crushing and grinding carbon anode butts, which are the residual carbon pieces left after aluminum electrolysis. This powder retains the high carbon content, low ash, and excellent conductivity of the original anode material.

APPLICATION

- Metallurgical Industry – Used as a carbon raiser in steel and ferroalloy production.
- Electrode Manufacturing – Used in making graphite electrodes for electric arc furnaces.
- Refractory Industry – Enhances heat resistance in refractory bricks and coatings.



SILICA SAND



Silica sand is a high-purity form of quartz (SiO_2) used in various industrial applications due to its hardness, chemical stability, and high melting point.

APPLICATION

- Glass Manufacturing – Used in flat glass, container glass, and fiberglass.
- Foundry & Casting – Acts as a molding sand in metal casting.
- Construction – Used in concrete, mortar, and specialty coatings.
- Oil & Gas Industry – Used as frac sand in hydraulic fracturing.
- Ceramics & Refractories – Provides heat resistance in kiln furniture and bricks.
- Filtration & Water Treatment, Paints & Coatings etc.

QUARTZ SAND

Quartz sand is a high-purity form of silica (SiO_2) that is processed from natural quartz deposits. It is known for its hardness, chemical resistance, and high melting point, making it suitable for various industries.

APPLICATION

- Glass Manufacturing – Used in optical, container, and specialty glass.
- Semiconductor & Electronics – High-purity quartz is used in solar panels and silicon chips.
- Construction – Used in high-performance concrete, coatings, and flooring.
- Oil & Gas Industry – Used as frac sand in hydraulic fracturing.
- Water Filtration – High-purity quartz sand is used in industrial and municipal filtration systems.



MICRO SILICA



Micro silica (also known as silica fume) is an ultrafine powder composed of amorphous silicon dioxide (SiO_2). It is a byproduct of ferrosilicon and silicon metal production in electric arc furnace

APPLICATION

- Concrete & Construction Industry – Improves strength, durability, and resistance to chemicals and water penetration.
- Refractory Industry – Enhances thermal shock resistance in refractory bricks and castables.
- Oil & Gas Industry , Polymer & Rubber Industry

SILICA FUMES

Silica fume, also known as micro silica, is an ultra-fine, amorphous form of silicon dioxide (SiO_2), produced as a byproduct of ferrosilicon and silicon metal smelting in electric arc furnaces.

APPLICATION

- High-Performance Concrete – Enhances compressive strength, durability, and corrosion resistance.
- Refractory Applications – Used in castables, gunning mixes, and precast refractory shapes for thermal resistance.
- Oil & Gas Industry – Added to oil well cement to reduce permeability and improve high-temperature performance.
- Rubber & Polymer Industry , Ceramics & Advanced Materials



BALL CLAY



Ball clay is a highly plastic, fine-grained sedimentary clay rich in kaolinite, mica, and organic matter. It is known for its high plasticity, strength, and white-firing properties when heated.

APPLICATION

- Ceramic Industry – Used in sanitaryware, tableware, tiles, and porcelain.
- Refractory Industry – Mixed with other clays for kiln furniture and firebricks.
- Rubber & Plastics – Acts as a filler to improve flexibility and strength.
- Paper Industry – Enhances coating properties and printability.
- Construction Materials – Used in cements, adhesives, and sealants.

BENTONITE

Bentonite is a naturally occurring clay primarily composed of montmorillonite, known for its high swelling capacity, adsorption properties, and water retention.

APPLICATION

- Drilling Fluids (Oil & Gas Industry) – Used in drilling muds to lubricate, cool, and stabilize boreholes.
- Foundry Industry – Acts as a binder in sand molds for casting metals.
- Construction & Waterproofing – Used in sealing ponds, dams, and landfills due to its swelling and sealing



BLEACHING EARTH



Bleaching earth is a highly adsorptive clay, primarily composed of bentonite or attapulgite, that has been activated (chemically or thermally) to improve its ability to remove impurities from oils and fats.

APPLICATION

- Edible Oil Refining – Removes pigments, phospholipids, and heavy metals from vegetable oils (soybean, palm, sunflower, etc.).
- Mineral Oil & Lubricant Purification – Used to decolorize and refine petroleum-based products.
- Waste Oil Recycling, Cosmetic & Pharmaceutical Applications.
- Wine & Beverage Industry.

CHINA CLAY

China clay, also known as kaolin, is a naturally occurring soft clay composed mainly of kaolinite mineral. It is widely used in various industries due to its excellent whiteness, fine particle size, and chemical inertness.

APPLICATION

- Ceramic Industry - Enhances plasticity and workability in ceramics.
- Paper Industry - Improves paper brightness and smoothness.
- Paints & Coatings - Provides opacity and enhances durability.
- Rubber & Plastics - Enhances strength and flexibility.
- Pharmaceuticals & Cosmetics - Used as an inert base in formulations.



KAOLIN



Kaolin, also known as China clay, is a naturally occurring soft clay composed mainly of kaolinite mineral. It is widely used in various industries due to its excellent whiteness, fine particle size, and chemical inertness.

APPLICATION

- Ceramic Industry - Enhances plasticity and workability in ceramics.
- Paper Industry - Improves paper brightness and smoothness.
- Paints & Coatings - Provides opacity and enhances durability.
- Rubber & Plastics - Enhances strength and flexibility.
- Pharmaceuticals & Cosmetics - Used as an inert base in formulations.

Calcined bauxite is a processed form of bauxite that is heated at high temperatures to remove moisture and volatile components. It is widely used in various industries due to its high alumina content, hardness, and thermal stability.

APPLICATION

- Refractory Industry - Enhances thermal resistance and durability.
- Abrasives Industry - Provides superior hardness for cutting and grinding applications.
- Oil & Gas Industry - Used as a proppant in hydraulic fracturing.
- Construction Industry - Improves road surface friction and wear resistance.

CALCINED BAUXITE



FLY ASH



Fly ash is a fine, powdery byproduct obtained from the combustion of pulverized coal in power plants. It is widely used in various industries due to its pozzolanic properties, improving strength and durability in construction applications.

APPLICATION

- Construction Industry - Used as a supplementary cementitious material in concrete.
- Road Infrastructure - Enhances durability and reduces shrinkage in road construction.
- Brick & Block Manufacturing - Improves strength and reduces production costs.
- Soil Stabilization - Enhances soil strength and reduces permeability.

Barite is a naturally occurring mineral composed of barium sulfate (BaSO_4). It is widely used in various industries due to its high density, chemical inertness, and low solubility.

APPLICATION

- Oil & Gas Industry - Essential for maintaining pressure in drilling operations.
- Paints & Coatings - Increases opacity and weather resistance.
- Pharmaceutical Industry - Used as a contrast agent in medical imaging.
- Rubber & Plastics - Enhances weight and impact resistance.

BARITE STONE



POTASH FELDSPAR



Potash feldspar is a naturally occurring mineral composed mainly of potassium aluminum silicate. It is widely used in various industries due to its high potassium content, low iron content, and excellent fluxing properties.

APPLICATION

- Ceramic Industry - Enhances vitrification and reduces firing temperature.
- Glass Industry - Improves transparency and hardness in glass manufacturing.
- Paints & Coatings - Provides stability and durability.
- Refractory Industry - Used in high-temperature resistant materials.

SODA FELDSPAR

Soda feldspar is a naturally occurring mineral composed mainly of sodium aluminum silicate. It is widely used in various industries due to its high sodium content, low iron content, and excellent fluxing properties.

APPLICATION

- Ceramic Industry - Enhances vitrification and reduces firing temperature.
- Glass Industry - Improves transparency and hardness in glass manufacturing.
- Paints & Coatings - Provides stability and durability.
- Refractory Industry - Used in high-temperature resistant materials.



HYDROUS KAOLIN



Hydrus Kaolin is a naturally occurring aluminum silicate clay mineral known for its fine particle size, high brightness, and excellent dispersion properties. It is widely used as a functional filler and coating agent in various industries.

APPLICATION

- Paper Industry: Improves printability, enhances opacity, and increases brightness.
- Paints & Coatings: Provides gloss, rheology control, and improved scrub resistance.
- Rubber & Plastics: Enhances reinforcement, reduces shrinkage, and improves mechanical properties.

FRAC SAND

Frac Sand is a high-purity quartz sand with excellent crush resistance and sphericity, specifically engineered for use in hydraulic fracturing (fracking) operations. It serves as a proppant, keeping fractures open in oil and gas wells to enhance resource extraction.

APPLICATION

- Oil & Gas Industry: Used in hydraulic fracturing to improve permeability and maximize hydrocarbon recovery.
- Well Stimulation: Ensures efficient fluid flow by preventing fracture closure under high pressure.



GROUND CALCIUM



Ground Calcium Carbonate (GCC) is a naturally occurring mineral derived from high-purity limestone. It is processed into fine powder with controlled particle size distribution, offering high brightness, low abrasiveness, and excellent dispersion properties.

APPLICATION

- **Plastics & Polymers:** Enhances strength, improves thermal conductivity, and reduces production costs.
- **Paints & Coatings:** Acts as a functional filler, improving opacity, brightness, and rheology.
- **Paper Industry**
- **Rubber Industry**

Natural Red Iron Oxide is a high-purity, naturally occurring mineral known for its strong tinting strength, excellent durability, and chemical stability. It is widely used as a pigment and functional additive across multiple industries

APPLICATION

- **Paints & Coatings:** Provides rich red color, UV resistance, and weather durability.
- **Construction Materials:** Used in colored concrete, tiles, bricks, and pavers for long-lasting pigmentation.
- **Plastics & Rubber:** Acts as a coloring agent with excellent heat and chemical resistance.
- **Ceramics:** Enhances coloration in tiles, pottery, and glazes.

NATURAL RED



NATURAL GYPSUM



Natural Gypsum is a high-purity calcium sulfate dihydrate ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) mineral widely used in construction, agriculture, and industrial applications. It is known for its excellent binding properties, soil conditioning benefits, and use as a key raw material in various industries.

APPLICATION

- **Construction Industry:** Used in cement, plaster, drywall, and gypsum boards for enhanced strength and durability.
- **Agriculture:** Acts as a soil conditioner, improving soil structure, reducing salinity, and providing essential calcium and sulfur nutrients.
- **Cement & Plaster Industry:** Enhances setting time and workability in cement and plaster formulations.

Dolomite is a naturally occurring carbonate mineral composed of calcium magnesium carbonate ($\text{CaMg}(\text{CO}_3)_2$). It is widely used in industrial, agricultural, and construction applications due to its excellent chemical composition, durability, and versatility.

APPLICATION

- **Steel & Metallurgy:** Used as a fluxing agent in steel production to remove impurities and enhance slag formation.
- **Glass & Ceramics:** Acts as a key ingredient in glass manufacturing, improving strength and clarity.
- **Construction & Cement Industry:** Used in concrete, asphalt, and cement production for improved durability.
- **Paints & Coatings:** Acts as a functional filler, improving texture and opacity.

DOLOMITE



RAW BAUXITE



Raw Bauxite is a naturally occurring aluminum ore primarily composed of aluminum hydroxide minerals along with silica, iron oxides, and titanium dioxide. It serves as the primary source of aluminum and is widely used in refractory, metallurgical, and industrial applications.

APPLICATION

- **Aluminum Production:** The primary raw material for alumina (Al_2O_3) refining and aluminum metal exton..
- **Cement & Construction:** Enhances the strength and durability of cement and concrete products.
- **Chemical Industry:** Used in the production of water purification chemicals, catalysts, and other industrial materials.

Construction Sand is a high-quality, naturally occurring granular material composed primarily of silica (SiO_2). It is widely used in building, infrastructure, and industrial applications due to its strength, durability, and excellent compaction properties.

APPLICATION

- **Concrete Production:** Essential for mixing concrete, ensuring strength and stability in structures.
- **Mortar & Plastering:** Provides smooth finish and workability in masonry and plastering applications.
- **Road & Infrastructure Projects:** Used in asphalt, road base, and land reclamation.
- **Glass Manufacturing:** Serves as a raw material in the production of glass and ceramics.

CONSTRUCTION SAND



ACTIVATED CARBON



Activated Carbon is a highly porous, adsorptive material made from carbon-rich raw materials like coconut shells, coal, or wood. It is widely used for purification, filtration, and decontamination across various industries due to its exceptional surface area and adsorption capacity

APPLICATION

- Water & Wastewater Treatment: Removes chlorine, organic contaminants, and heavy metals.
- Air & Gas Purification
- Food & Beverage Industry
- Pharmaceutical & Medical
- Gold Recovery

Our Cast Iron Scrap is sourced from high-quality industrial and ensuring superior purity and recyclability. It is widely used in foundries and steel manufacturing for remelting and casting new products. Available in heavy cast iron, light cast iron, and borings & turnings.

APPLICATION

- Steel Manufacturing – Used as a raw material in steel production.
- Foundries & Casting – Remelted to create new cast iron products.
- Automotive Industry – Recycled for making engine blocks, brake discs, and other components.
- Construction & Infrastructure – Used in manhole covers, pipes, and structural elements.
- Machinery & Tools – Reprocessed for industrial equipment and tools manufacturing.

IRON SCRAP





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