



COMPANY PROFILE

 www.astromining-industrial.com



About us



Astro mining and industrial is a rising

Egyptian mining company working in the field of exploration , treatment and upgrading of high-quality mining ores like Feldspar , Kaolin , Glass sand , Iron Oxide , Calcium Carbonate , Dolomite and Gypsum



Overview

➤ **Astro mining and industrial is a dynamic** and forward-thinking Egyptian mining company dedicated to the exploration, treatment and upgrading of high-quality mining ores . Our focus is on providing superior products and services in the extraction and processing of essential minerals , including Feldspar , Kaolin , Glass sand, Iron oxides, Calcium carbonate, Dolomite and Gypsum

➤ **Extracting treasures from the earth** This is our slogan , it's a powerful reminder that beneath the surface lies a wealth of resources and precious metals that are essential for our modern world



OUR MISSION AND VISION

Our mission

to harness the rich mineral resources of Egypt while adhering to the highest standards of environmental responsibility and sustainability.

we aim to deliver premium quality materials to our clients , contributing to their success and fostering growth within the mining sector

Our vision

To be one of the leading names in industry and to integrate all the required resources to establish a reliable Egyptian hub in order to provide both local and international markets with Egyptian ores having the required specifications and qualities needed for different industries

Also to set up a reliable Multi-minerals platform in Egypt serving the domestic and international markets , according to the highest quality standards with the target of satisfying the wants and needs of our customers



CORE VALUES

QUALITY

We prioritize the production and supply of high-quality minerals that meet stringent industry standards.

INNOVATION

We embrace technological advancements and innovative methods to enhance our exploration and processing techniques.

SUSTAINABILITY

We are committed to responsible mining practices that protect the environment and benefit local communities

INTEGRITY

We conduct our business with transparency and uphold ethical practices in every aspect of our operations

COLLABORATION

We believe in building strong partnerships with stakeholders, clients and local communities to drive mutual success.

SERVICES

ASTRO mining and industrial specializes in :



EXPLORATION

Comprehensive geological surveys and assessments to identify and evaluate mineral deposits



TREATMENT

State-of-the-art processing techniques to treat and refine minerals, ensuring high purity and quality



UPGRADING

Advanced methods to enhance the value of raw materials, making them suitable for various industrial applications



SUPPLY RAW MATERIALS

Providing high quality raw materials from mines & quarries, we ensure our products stand out due to their exceptional quality.

We have several highly efficient production lines equipped with German technology, which further enhance the quality of our products

PRODUCTS



Silica sand



Gypsum



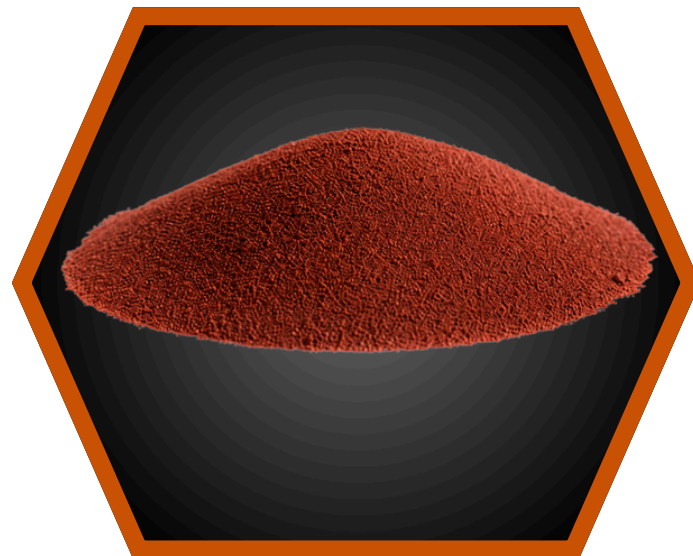
kaolin



Dolomite



Limestone



Iron Oxide



Feldspar



Calcium carbonate



Talc

OUR PRODUCTS COVER MANY DIFFERENT INDUSTRIES AND FIELDS

Contracting and drilling

Animal waste soil industry

Chemical industry

Oil and gas companies

Artificial marble industry

Food industry

Cement industry

Medical supplies industry

Fabric and textiles industry

Concrete industry

Farms are breeding improves

**Refractories and ceramics
industry**

Ferro silicon industry

**Veterinary pharmaceutical
industry**

Foundries and casting

Manufacture of feed fertilizers

**Manufacture of pens
and erasers**

**Wastewater technology
and treatment**

Supply company

Iron and steel industry

Adhesives industry

Fertilizer industry

Electrical industry

Detergent industry

Sugar industry

Rubber industry

Paper industry

Ink industry

Plastic industry





Paints industry

Glass industry




Pesticide industry

Feed industry

PRODUCTS CHARACTERISTICS

Name of Rocks	Specification	Type	Monthly capacity	Rocks Shape
Calcium Carbonate	<ul style="list-style-type: none"> • CaCO₃: > 99% • Whiteness: > 97% 	<ul style="list-style-type: none"> • Bulk • Crushed • Powder 	15,000 tons	
Gypsum	<ul style="list-style-type: none"> • Fe₂O₃: 0.2 max • Al₂O₃: 0.50 max • MgO: 0.10 -0.20 • SO₃: 45 -55.00 • K₂O: 0.09% • CaO: 28.00 -33.00 	<ul style="list-style-type: none"> • Bulk • Crushed • Powder 	30,000 tons	
Kaolin	<ul style="list-style-type: none"> • A. (Al₂O₃ % >32-38), (SiO₂ % 45-50), (Fe₂O₃ % 0.2-0.7), (TiO₂ % 1-2) • B. (Al₂O₃ % >30-35), (SiO₂ % 47-50), (Fe₂O₃ % 1-1.5), (TiO₂ % 1-2) • C. (Al₂O₃ % 28-30), (SiO₂ % 50-56), (Fe₂O₃ % 1.1-1.3), (TiO₂ % 1.5-2.3) • D. (Al₂O₃ % 26-28), (SiO₂ % 55-62), (Fe₂O₃ % 1-1.2), (TiO₂ % 1.4-2) 	<ul style="list-style-type: none"> • Bulk • Crushed • Powder 	5000 tons	
Dolomite	<ul style="list-style-type: none"> • MgO: 20% min • CaCO₃: 32% min • Al₂O₃: 0.04% • Fe₂O₃: 0.02%-0.05 % 	<ul style="list-style-type: none"> • Bulk • Crushed • Powder 	10,000 tons	

PRODUCTS CHARACTERISTICS

Name of Rocks	Specification	Type	Monthly capacity	Rocks Shape
White Feldspar	<ul style="list-style-type: none"> • K₂O: from 6% up to 8% • Na₂O: from 3% up to 5% • Fe₂O₃: < 0.5% 	<ul style="list-style-type: none"> • Bulk • Crushed • Powder 	20,000 tons	
Feldspar	<ul style="list-style-type: none"> • A. (K₂O > 11%), (Na₂O < 3%), (Iron Oxides < 0.3%). • B. (K₂O - From 9% To 11%), (Na₂O < 3%), (Iron Oxides < 0.5%). • C. (K₂O - From 7% To 9%), (Na₂O < 3%), (Iron Oxides < 0.7%) • D. (K₂O - From 5.5% To 7%), (Na₂O < 5%), (Iron Oxides < 1%) 	<ul style="list-style-type: none"> • Bulk • Crushed • Powder 	5000 tons	
Silica Sand	<ul style="list-style-type: none"> • SiO₂: > 99.7% • Fe₂O₃: < 0.010-0.015% • SiO₂: > 99.6 % • Fe₂O₃: < 0.015-0.02 % 	<ul style="list-style-type: none"> • Bulk • Crushed • Powder 	30,000 tons	
Iron Oxide	<ul style="list-style-type: none"> • A. Red Hematite Ores where Fe₂O₃ WT.% is ranging from 55% to 65% • B. Red Hematite Ores where Fe₂O₃ WT.% is ranging from 75% to 80% 	<ul style="list-style-type: none"> • Bulk • Crushed • Powder 	5000 tons	

Talc

DESCRIPTION&APPLICATIONS

WS-T4 is a talc powder with chemical formula of $Mg_3Si_4O_{10}(OH)_2$.

have a low loss on ignition and a low iron content. Suitable for such applications where highest brightness is required.

Applications.

Paints, Ceramics, Paints & Coating, Cosmetics, Fertilizers, Cables, paper, Pharmaceuticals, Plastics, Body powder, TiO_2 -spacer, whiteness booster of coatings and excellent antiblock agent.

Standard Packaging, 20,

25kg bag Jumbobag

Physical Properties (typical)

Whiteness:

Brightness Ry (DIN 53163)	89-93
Refractive Index	1.57
Mohs Hardness	1
pH (ISO 787/9)	9 Max.
Oil absorption (ISO 787/5)	46g/100g
Moisture	0.5% Max
Bulk Density	0.48 ± 0.03 gm/c m ³

Chemical Analysis (typical)

SiO_2	60.5%
MgO	32.4%
CaO	0.5%
Al_2O_3	0.5%
Fe_2O_3	0.4%
Na_2O	0.3%
L.O.I	4-9%

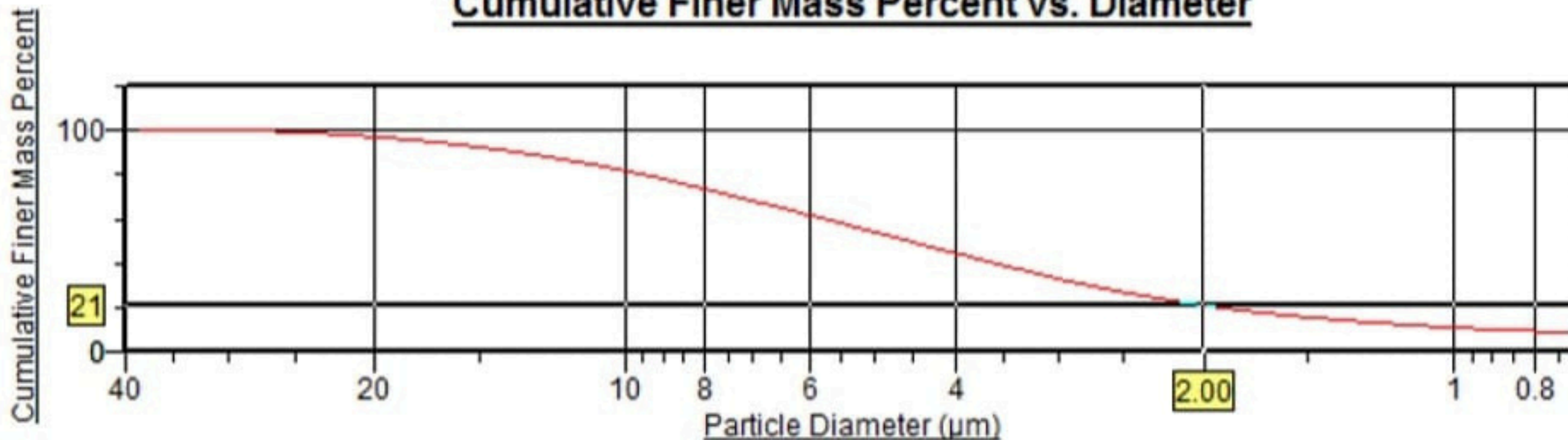
General Product Data (typical)

D98	20 ± 1	µm
D50	4 ± 0.5	µm

The data in the Technical Data Sheet represents average values which are valid and reliable but not legally binding. ER disclaims any liability arising from damages or consequential loss. This Technical Data Sheet renders all previous versions invalid. (January 2023)

PARTICLE SIZE DISTRIBUTION (Sedigraph)

Cumulative Finer Mass Percent vs. Diameter



ADVANTAGES OF WORKING WITH OUR COMPANY

- ◀ We specialize in providing high-quality raw materials sourced from mines and quarries . with multiple efficient production lines with German technology which makes the quality of our products “ distinctive ”
- ◀ One of the key features of ASTRO mining is the rigorous quality control carried out in the laboratory. involves inspecting the performance of the processes in a more systematic, conscious, and logical manner . This is achieved by implementing quality control steps at strategic stages of each laboratory operation to monitor the correct performance and the obtained output obtained as a result of the examination. It is characterized by high quality, and quality control allow the detection of errors until they occur.
this is done to ensure a quality management system, which is considered a set of essential building blocks to monitor, ensure, and manage the quality of laboratory operations.



OUR INTERNATIONAL DEALINGS

- ◀ We are keen to keep up with everything new and take care of the quality of materials and then deal with them, which qualifies us to keep up with international technology, enabling us to provide unprecedented levels of services to satisfy the requirements of our valued customers
- ◀ Our team is dedicated to precision in every stage of production, storage and quality control. In addition to covering the local market in Egypt and supplying our products to various provinces , we export our products to many countries around the world starting from :
Gulf countries , South Africa , India , Bangladesh , Libya , Turkey , Morocco , Tunisia , Algeria .
- ◀ We are committed to delivering the required quantities within the specified deadlines.



OUR PARTNERS



CONTACT US

Get in touch with our dedicated team of financial experts. We're here to answer your questions



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