

COMPANY PROFILE

KAGALITE has limitless possibility.

What is KAGALITE?

KAGALITE is porous natural pumice which contains rhyolite natural glass with a pale yellowish white. It is buried in the suburbs of Kanazawa city, Ishikawa prefecture in Japan.

We specialize in carrying out the complete process of excavating, washing, drying, packaging and inspecting to bring clients an exceptionally flawless product.



KAGALITE

[Company Profile]

Name

KAGALITE KOGYO CO., LTD.

Foundation

May 26, 1993

Capital

JPY50,000,000.

Address

Head Office & Drying Facility

Ya 14-1 Tsurube-machi, Kanazawa-city, Ishikawa-Pref., Japan
TEL.+81-76-252-3338 / FAX.+81-76-252-3343

Washing Facility

U-20 Kofutamata-machi, Kanazawa-city, Ishikawa-Pref., Japan
TEL & FAX.+81-76-251-1866

Processing Facility

Chi-126 Maki-machi, Kanazawa-city, Ishikawa-Pref., Japan
TEL.+81-76-252-3612

Toyama Facility

35-8 Komoridani, Oyabe-city, Toyama-Pref., Japan
TEL.+81-76-675-1296

General Affairs & Account Section

8-29 Kitayasue 4-chome, Kanazawa-city, Ishikawa-Pref., Japan
TEL.+81-76-234-2284 / FAX.+81-76-234-7571

Business Purpose

1. Production, sales, export and import from Comp
2. Production and sale of water filtration material
3. Production, sales and lease of chemical heat pumps and controls
4. Sale of environment protection equipment
5. Affiliated business concerning the above

Board Members

President Kazuhiko Hosotani
Director Kenichi Kimura
Director Takuya Hosotani

Bank

THE FUKUI BANK, LTD. KANAZAWA BRANCH
THE HOKURIKU BANK, LTD. KANAZAWA BRANCH

Affiliated Companies

TOHKEMY CORPORATION NEORAITO KOSAN CO., LTD.
WATER TECNOS CORPORATION KOREA KAGALITE CORPORATION

Main Product

DRY KAGALITE and WET KAGALITE

Application of the products

Foundry filtration material, Agricultural chemicals expending agent, Light aggregate for construction, Gardening soil, Water filtration material, Drying agent for termite resistance

Features & Applications

Features

1. Light
2. Thermal insulation
3. Fire resistant
4. Sound absorption and insulation
5. Chemically resistant
6. Colorability
7. Hygroscopicity
8. Permeability
9. Water retentivity
10. Odorless, Harmless

Applications

DRY KAGALITE

Slag removal for metal casting



KAGALITE is one of the most ideal materials for removing slag in molten metal since it has so many precise features such as fire resistance, heat insulation, non-water, non-contamination, less heat reflection and oxidation resistance. Those unique features enable KAGALITE to have high efficiency as slag remover and have obtained a respected reputation in the metal casting fields.

Light Alloy Molding Sand



Since it has gas purging effect, precise and smooth casting is available.

Agricultural Chemical Dispersing Agent



KAGALITE is also highly acclaimed within the agricultural industry as it is more than competent as an agricultural chemical transporting means. By utilizing KAGALITE's porous feature, let it absorb agricultural chemicals and allow it time to soak into the soil. In addition, no harm is done to agricultural produce as it is a 100% natural product.

Painting



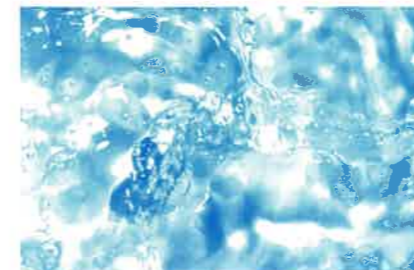
Due to KAGALITE's fire resistance and light weight, it is used as a fire-proof paint which contains cement or plaster, as well as a general paint due to its easy coloring power.

Sprayed Wall Material



KAGALITE is light and strong enough as well as being durable even if heated. Since it is a mineral substance, it does not produce harmful gas in the event of fire. This makes it suitable as an interior or exterior wall material and it prevents due condensation to its porosity.

Filtration



KAGALITE is very efficient for filter media since it is porous and light. Specially, it is very effective for capturing suspended substances in water as shown by the number of the true specific gravity 2.4~2.6 and bulk specific density, 0.65~0.75.

- Pool, bath tub circulating filtration
- Iron removal
- Circulating filtration system in fish feeding ponds and garden ponds
- Filtration of oily drainage and sewage
- Bio-filtration by increasing bacteria living in an area

Gardening



KAGALITE is mixed with molding soil for plants such as bamboo and cacti, house plants, etc. It helps to keep water and oxygen in the soil and promotes plant growth.

< Features >

- Solid porous granule creates a breathing effect to supply oxygen to plants promoting the plant's grow.
- Good water retention prevents soil from drought.
- Good water absorption assists storing fertilizer, improving good fertilizing efficiency.
- Good water drainage prevents root decay.
- Any kind of fertilizer can be used without acidity adjustment due to its neutral PH value.
- It does not contain any virus or organic substances in it, so it is odorless and harmless.

WET KAGALITE

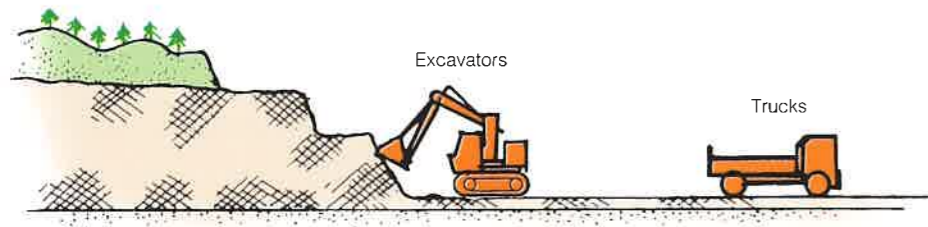


KAGALITE is used as light aggregate material for blocks, tiles and ready mixed concrete

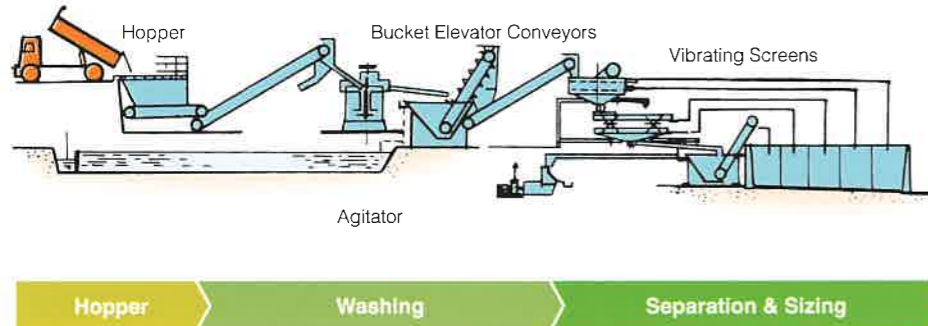
Production Process & Specification

Production Progress

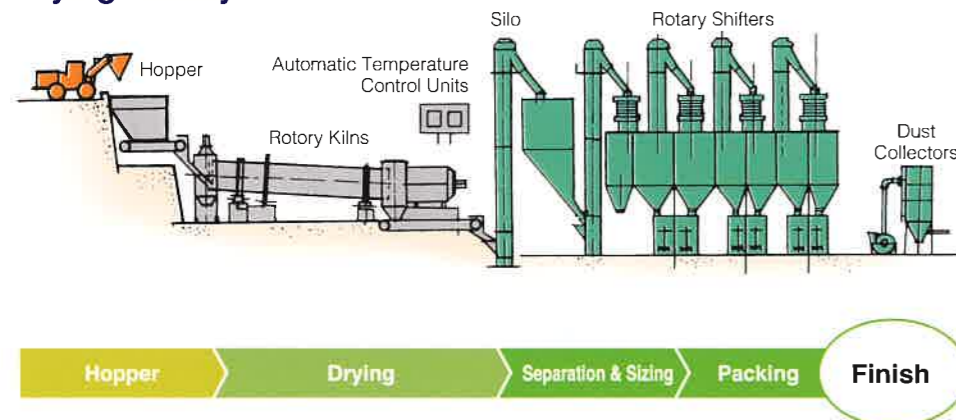
Excavation Site



Washing Facility



Drying Facility



Specification

DRY KAGALITE

Product Name	Granule Dia (μm)	Mesh	Water Percentage	Net Weight (kg)
K - 0	4,750 ~ 2,360	4 ~ 7.5	5% or less	20 (PAPER BAG)
K - 1	2,360 ~ 1,180	7.5 ~ 14	1% or less	
K - 2	1,180 ~ 600	14 ~ 26	0.5% or less	
K - 3 M	600 ~ 300	26 ~ 50		
K - 4 M	300 ~ 63	50 ~ 235		
K - 3 4	500 ~ 75	30 ~ 200		900 (FLEXIBLE CONTAINER BAG)

WET KAGALITE

Product Name	Granule Dia (μm)	Mesh
W - L	10,000 ~ 3,350	~ 5.5
W - A	3,350 ~ 2,360	5.5 ~ 7.5
W - C	300 ~ 180	50 ~ 83





KAGALITE KOGYO CO., LTD.

Head Office & Drying Facility

Ya 14-1 Tsurube-machi, Kanazawa-city, Ishikawa-Pref., Japan
TEL.+81-76-252-3338 / FAX.+81-76-252-3343

Washing Facility

U-20 Kofutamata-machi, Kanazawa-city, Ishikawa-Pref., Japan
TEL & FAX.+81-76-251-1866

Processing Facility

Chi-126 Maki-machi, Kanazawa-city, Ishikawa-Pref., Japan
TEL.+81-76-252-3612

Toyama Facility

35-8 Komoridani, Oyabe-city, Toyama-Pref., Japan
TEL.+81-76-675-1296

General Affairs & Account Section

8-29 Kitayasue 4-chome, Kanazawa-city, Ishikawa-Pref., Japan
TEL.+81-76-234-2284 / FAX.+81-76-234-7571

E-mail gyoumu@kagalite-kogyo.co.jp

U R L <http://www.kagalite-kogyo.co.jp>



JQA-QMA15391

KAGALITE KOGYO CO., LTD. received ISO9001 : 2015 certification.