



STAR DUST

Shanghai Stardust International Trade Co., Ltd

Offering the high-quality and stable
Bentonite products

Tel: +86-21-64025813

Fax: +86-21-64307107

Room 2604, Building 11, No. 6055, Jinhai Road, Fengxian
District, Shanghai, China.

<http://www.shstardust.com>

Shanghai Stardust International Trade Co., Ltd



Establish

ShStardust Trade Co., Ltd is subordinate to **Jinge Holding Groups**. SHSD co., Ltd is formed in 2017 and located in Shanghai, aiming to build Jinge's own Brand and develop international market.

Product

The montmorillonite(raw material and related products) is our company's main product. Our Group's wholly owned subsidiary of **Tianhong Mining Co., Ltd** is one of the largest bentonite production and processing factory in Inner Mongolia. The **high-grade bentonite mine** it owns can guarantee a plenty and stable product supply chain.

Principle

**The greatest benevolence is like water,
The highest virtue tolerates all.**

Picture of SHSD

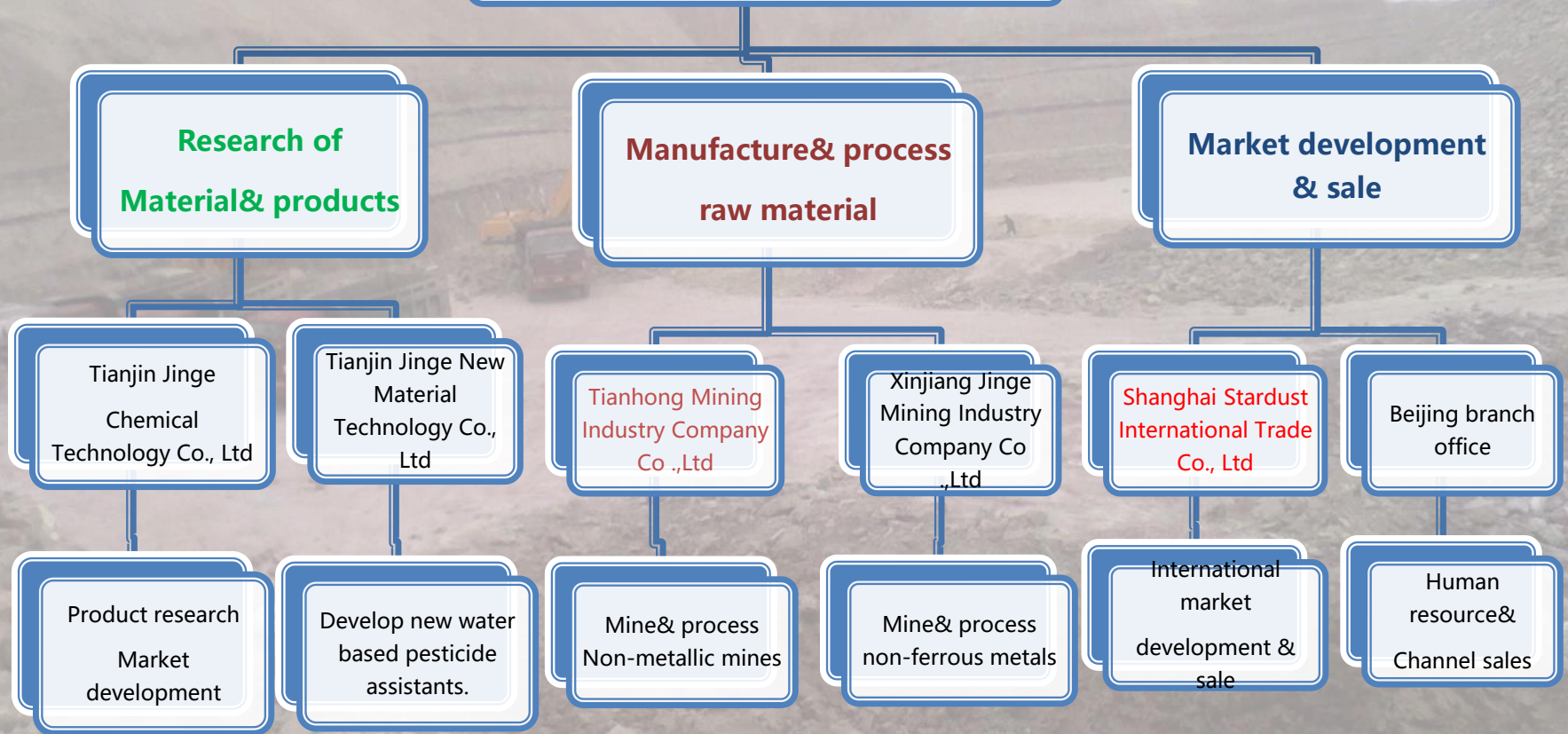



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Structure of Jinge Holding Groups



Jinge Holding Groups



Jinge Holding groups



Establish

Jinge Holding Groups is formed in 2008, its headquarter, **Tianjin Jinge Technology Development Co., Ltd** is located in Wuqing District of Tianjin City. The company, with over one hundred million' s total investment, is a Scientific and technological innovation enterprise focus on the research and deep processing on Inorganic mineral materials and Natural plant material thus achieving the new, modified, composite and hybrid materials with high added value.

Product

Products of papermaking industry (like deinking agent) 、 pesticide industry 、 printing and dyeing industry (like pigment printing thickener) 、 rubber industry (like suspending agent) 、 feed industry 、 safety material for mining (like mining reinforcement) 、 desiccant (like montmorillonite desiccant) 、 assistant for chemicals for daily use etc.

Principle

Keep promise
Remain loyal



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Jinge Technology Development Co., Ltd



 金戈控股集团
Jinge Holding Group

Ningcheng Tianhong Mining Co., Ltd



Establish

Ningcheng Tianhong Mining Co., Ltd is wholly owned subsidiary of **Jinge Holding Groups**. The company is located in South-east Chifeng City, Inner Mongolia, it has 16 square km' s prospecting area and 2.9859 square km' s mining area, over 10 million of reserved montmorillonite is acceptable to be mined, The daily output of bentonite clay can reach 80 tons at most.

Product

Tianhong owns a high-grade bentonite mine in the world, the average content of montmorillonite in bentonite mine is more than 90%. the company has formed a complete manufacture and process system, including montmorillonite' s mining, processing and manufacturing .The product, including bentonite (montmorillonite)clay、 retention aid agent, bentonite (montmorillonite)clay for animal feed and pharmaceutical grade montmorillonite etc, sell well in the USA、 Europe and Southeast Asia and the company has also passed the ISO9001 certification.

Principle

Top level quality & Absolute sincerity
All for the client



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Pictures of Tianhong's factories



Pictures of Tianhong's labs



Qualification certificates of Tianhong

土地证&采矿许可证



View of Bentonite mine



Recommend product

Bentonite (montmorillonite) clay

- The best-selling product of us is the original bentonite clay (montmorillonite raw materials) ;
- Item No. : BC025040185 (0.5-1.5mm/1-3mm/1-4mm etc)
- Our product has stable quality and adequate supply, it' s one of the best-quality bentonite clay in the world with 95%+Montmorillonite content
- We use our Groups' own bentonite mine as raw material, manufacture them under the standard as the **U.S. military standard USA MIL-D-3464E** & **Japan industrial standard JIS Z-0701**.



Raw ore



After process

BC025040185 (1-3mm)



Product parameter of BC025040185

- ◆ 1、Color: purple red, cinerous
- ◆ 2、Montmorillonite content: 95-98%
- ◆ 3、Weight of water content loss (180°C) : < 1%
- ◆ 4、Capacity expansion: 7.5 -11.5mg/g
- ◆ 5、Cation exchange capacity: 113-139mmol/100g
- ◆ 6、PH value : 6.8-7.6
- ◆ 7、Bulk density : > 950g/L
- ◆ 8、Hygroscopic rate(25°C, relative humidity: 40%): > 18.5%
- ◆ 9、Hygroscopic rate(25°C, relative humidity: 90%): > 27%
- ◆ 10、No Chlorine ion,
No Carbonate
- ◆ 11、Particle size : 0.5-1.5mm, 1-3mm, 1-4mm, 0.5-4mm
(multiply size)
- ◆ 12、Packing model : 25kg、 1000kg etc



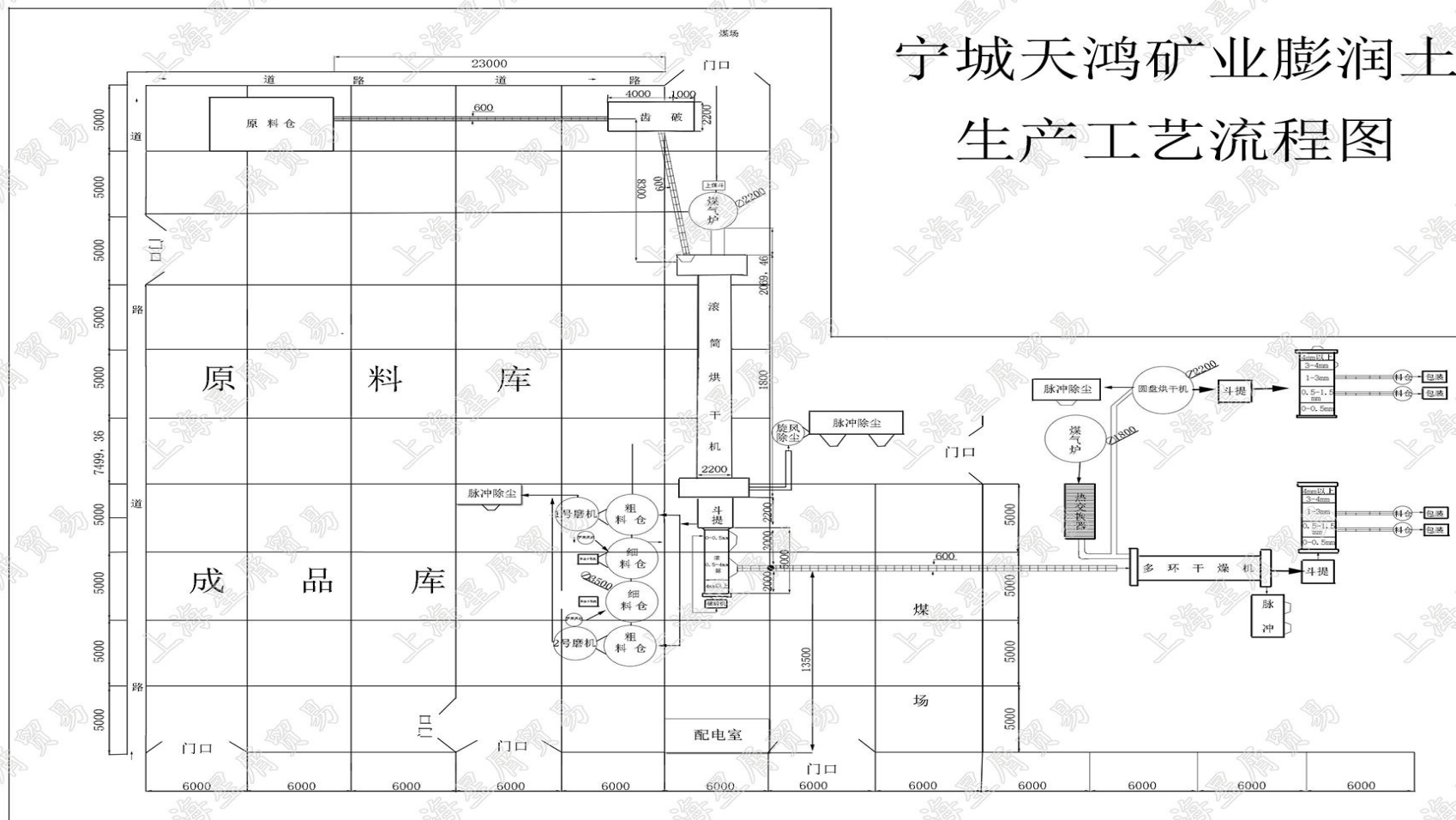
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Bentonite manufacturing facilities



Manufacturing process of Bentonite clay

宁城天鸿矿业膨润土 生产工艺流程图



*如有需要可提供生产流程大图

Bentonite stock



Recommend product

Bentonite Cat Litter

- Independent cat litter production line that can meet customers' customized needs from the production process to packaging;
- The raw materials are 100% sourced from our own mining area, using bentonite with a **montmorillonite content** of up to 90% as the raw material for cat litter, ensuring the speed and hardness of cat litter clumping;
- Excellent performance with zero dust and zero adhesion;
- Item No. : BCCL025040135 (0.5mm-4mm etc)
- Support various types of additives, such as customized harmless fragrance agents, as well as natural deodorizing minerals such as activated carbon and zeolite.



Production
Line
&
Inventory



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Recommend product

Organoclay (organic derivative of a bentonite clay)

- Item No. : SBC250230;
- Perfectly fit in various application(Acid curing systems, Adhesives, Foundry paints,etc);
- Provides stable viscosity build, controls sag and pigment settling;
- Disperses very easily, even under low shear conditions;
- Eliminates the need for Pregel;
- Needs no chemical activator.

Production Line



Inventory



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Product parameter of SBC250230

- ◆ 1、Color: Off-white
- ◆ 2、DL at 105°C-110°C: $\leq 2\%$;
- ◆ 3、Oil Absorption: 80 g/100g;
- ◆ 4、LOI at 800-1000°C: 50%;
- ◆ 5、Moisture content: $< 12\%$;
- ◆ 6、Particle Size: 325mesh $> 99\%$;
- ◆ 7、Thixotropic Index: 5.0-8.0;



Mixed with water



Kraft paper packaging bag



Recommend product

Cosmetic Grade Bentonite (Magnesium Aluminum Silicate)

- Item No.:CBC250228;
- Perfectly fit in daily chemical industry application(daily skincare products, cosmetics, cleaning products, and essential oil products,etc);
- Provides various viscosity range;
- Has good thixotropy, and the thixotropic process can be repeated;
- Small dosage (5% avg);



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Product parameter of CBC250228

- ◆ 1、Color: Yellow, white
- ◆ 2、PH Value: 9-11;
- ◆ 3、Density(g/cm³) : 0.57;
- ◆ 4、Decomposition temperature(°C): >300 °C;
- ◆ 5、Moisture content: <12% ;
- ◆ 6、Viscosity: 300-12,000 cps(5% suspension) ;



Sample picture



Container transportation Package



Recommend product

Foundry Bentonite & casting-grade Bentonite

Discover the excellence of our casting-grade bentonite clay – a versatile and high-performance material engineered for precision casting applications.

Sourced from premium deposits, our bentonite boasts optimal grain size distribution, ensuring exceptional molding capabilities.

Got Certificate of Quality Management.



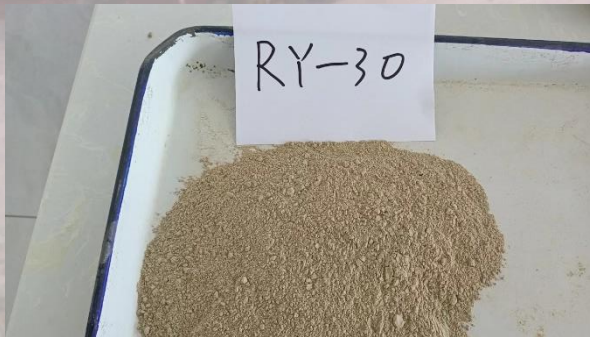
Item No. BCCM0180960



Item No. BCCM0180860

Product parameter of BCCM0180960

- ◆ 1、 Color: Off-white
- ◆ 2、 Methylene Blue Absorption: 36g/100g ;
- ◆ 3、 Green Compression Strength: 120 Kpa ;
- ◆ 4、 Hot Wet Tensile Strength: 3.5 Kpa ;
- ◆ 5、 Swelling Value: >90 ml/3g ;
- ◆ 6、 Moisture content: <12% ;
- ◆ 7、 Grain Size Distribution: -200mesh >99.5%/-325mesh >99% ;
- ◆ 8、 Plasticity Index: 180%-200% ;



Foundry Bentonite facilities




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View of Foundry Bentonite mine



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Foundry Bentonite stock



Other products of Jingge Groups





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Welcome to contact and discussion!

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