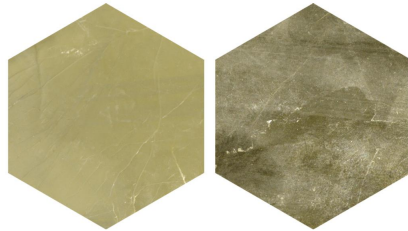


**XUYANG**  
MAIN PRODUCTS  
主要产品

**云母片** / 旭阳制造  
MICA SHEET  
MADE IN XUYANG



**云母片简介** MICA SHEET/FLAKE INTRODUCTION

云母片由多硅白云母、石英、石榴石和金红石等组成，可出现钠长石、黝帘石及硬绿泥石等，石榴石富Fe和Mg，多硅白云母中的Si可达3.369，也是高压组合。有绝缘及低损失的热阻功能，还是很好的黑体。

The mica sheet is composed of polysiloxacite, quartz, garnet and rutile, etc., and can contain albite, tetrahedrite and hard chlorite, etc. The garnet is rich in Fe and Mg, and the Si in polysiloxacite can reach 3.369, which is also a high-pressure combination. Insulation and low loss of thermal resistance function, or very good blackbody.

天然云母片是厚片云母经过剥分、定厚、切制、钻制或冲制而成，具有一定厚度、一定形状的云母零件。

Natural mica sheet is made of thick mica by stripping, thickening, cutting, drilling or punching, with certain thickness and shape.

**分类** CLASSIFY

按其化学组成根据所含金属氧化物的不同分为三大类：

According to its chemical composition, it can be divided into three categories according to the different metal oxides it contains:

白云母 White mica :  $KAl_2 (AlSi_3O_{10}) (OH)_2$

金云母 Gold mica :  $KMg_3 (AlSi_3O_{10}) (OH)_2$

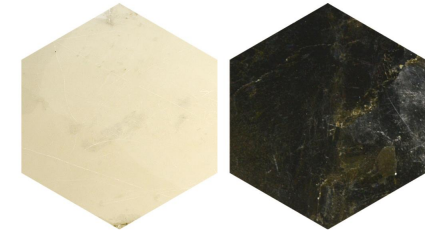
黑云母 Biotite :  $K (MgFe)_3 (AlSi_3O_{10}) (OH)_2$

按用途，云母一般可分为云母薄片（薄片云母）、电容用云母和电子管用云母厚片三类

Generally speaking, mica can be divided into three types of mica sheets (thin mica), capacitance mica and electronic tube mica thick sheets.

**XUYANG**  
MAIN PRODUCTS  
主要产品

**云母片** / 旭阳制造  
MICA SHEET  
MADE IN XUYANG



**分类** CLASSIFY

天然云母种类较多，用作电工绝缘材料的有白云母和金云母两种。白云母具有玻璃光泽，一般无色透明；金云母有金属光泽和半金属光泽，常见的有金黄色，棕色，浅绿色等等，透明度较差。白云母和金云母具有良好的电气性能和机械性能，耐热性好，化学稳定性和耐电晕性好。两种云母都可以剥离加工成厚度为0.01到0.03毫米的柔软而富有弹性的薄片。白云母的电气性能比金云母好，但金云母柔软，耐热性能比白云母好。

here are many kinds of natural mica, such as white mica and gold mica. White mica with glass luster, generally colorless transparent; Gold mica has metallic luster and semi-metallic luster, the common has golden yellow, brown, light green and so on, the transparency is poor. White mica and gold mica have good electrical and mechanical properties, good heat resistance, chemical stability and corona resistance. Both types of mica can be stripped to form soft, elastic sheets 0.01 to 0.03 mm thick. The electrical properties of white mica are better than that of gold mica, but the softness and heat resistance of gold mica are better than that of white mica.

**用途** APPLICATION

该产品适用于电视机、电力电容器、热继电器、监视显示器、航天、航空、通讯、雷达、耐热骨架片等作为原辅材料。分：电热器芯片、电热器护片、垫片、电子管片、灯泡片，因其材料为天然矿制品，具有无污染、绝缘、耐电压性能好的特点，可根据客户需求冲切各种规格的天然云母片。

The product is suitable for TV sets, power capacitors, thermal relays, monitoring displays, aerospace, aviation, communications, radar, heat resistant frame sheet and other raw and auxiliary materials. Electric heat exchanger chip, electric heat exchanger protector, gasket, electronic tube piece, bulb piece, because its material is natural mineral products, with no pollution, insulation, good voltage resistance characteristics, according to customer demand punching cut various specifications of natural mica piece.

## XUYANG MAIN PRODUCTS

### 主要产品

#### 膨胀蛭石 / 旭阳制造 EXPANDED VERMICULITE MADE IN XUYANG



旭阳膨胀(超细)蛭石粉,是在中国非金属矿工业协会,中国非金属矿进出口总公司,县科委等诸多科研单位的大力协助下,成功研制生产出的新一代膨胀(超细)蛭石粉。除他具有较好的保温、隔热、吸间、耐腐蚀等性能外,我厂又率先推出密度好,含水率更低,导热系数更小等优点的膨胀(超细)蛭石粉。

Xuyang expansion (ultra-fine) vermiculite powder is a new generation of expansion (ultra-fine) vermiculite powder successfully developed and produced with the great assistance of China non-metallic mineral industry association, China non-metallic mineral import and export corporation, county science and technology commission and many other scientific research units. In addition to its good thermal insulation, heat insulation, suction, corrosion resistance and other properties, I plant and take the lead in the introduction of good density, lower moisture content, thermal conductivity is smaller and other advantages of the expansion (superfine) vermiculite powder.

#### 蛭石的化学成分及主要物理性能

##### CHEMICAL COMPOSITION AND MAIN PHYSICAL PROPERTIES OF VERMICULITE

因水化程度不同,氧化的作用不一,即使同为蛭厂的化学成份成难相同,通常化学成分如下表:

Due to the different degree of hydration, the role of oxidation is different, even if the same vermiculite, but it is difficult to the same chemical composition, usually chemical composition as shown in the following table:

分子式 molecular formula	SiO <sub>2</sub>	MgO	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	H <sub>2</sub> O	Na <sub>2</sub> O	PH
名称 Name	二氧化硅 silicon dioxide	氧化镁 magnesium oxide	三氧化二铝 aluminium oxide	三氧化二铁 iron trioxide	水 moisture	氧化钙 calcium oxide	值 value
含量% Content %	37-42	11-23	9-17	3.5-15	6	1-2	7-11

#### 主要物理性能 MAIN PHYSICAL PROPERTIES

密度 Density	硬度 Hardness	松散容重 Bulk density	熔点 Melting point	抗压强度 Compressive strength	折射极限 Refraction limit	含水量 Water content	吸湿率 Moisture absorption rate	抗冻率 Freezing resistance	抗菌性 Antibacterial and mold corrosion resistance	耐碱性 Corrosion resistance
g/cm <sup>3</sup>		g/cm <sup>3</sup>	°C	Mpa		%	%			
220-280	1-1.5	100-180	1320-1350	100-150	Ng=1.525-1.561 Ng=1.545-1.581	1		好 good	好 good	耐碱 alkali-resisting

- 1.它的化学式为Mg×(H<sub>2</sub>O)[Mg6×(AlSO3010)(H<sub>2</sub>O)
- 2.相对湿度100%, 24h; -20℃时经15次冻融, 粒变组成不变。
- 3.安全温度900℃, 最高温度1000℃, 重要吸水率26.5%。体积吸水率40.6%; 相对程度100%24h; 声音频率512Hz。

1. Its chemical formula is Mg×(H<sub>2</sub>O)[Mg6×(AlSO3010)(H<sub>2</sub>O)
2. Relative humidity: 100%, 24h; -20 °C by 15 times of freezing and thawing, telomeres are of the same.
3. Safety humidity 900 °C, the highest temperature of 1000 °C. Important water absorption rate: 26.5%. The volume water absorption rate was 40.6%. Relative degree: 100% 24h; The sound frequency is 512HZ.

## XUYANG MAIN PRODUCTS

### 主要产品

#### 天然彩砂 / 旭阳制造 NATURAL COLOR SAND MADE IN XUYANG



天然彩砂是由大理石或花岗岩等矿石经精选、破碎、粉碎、分级、包装等多道工序加工而成。彩砂产品色系有: 黑色系列彩砂, 红色系列彩砂, 黄色系列彩砂, 白色系列彩砂, 绿色系列彩砂, 蓝色系列彩砂等。

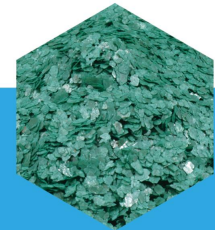
Natural colored sand is made of marble or granite and other ores through the selection, crushing, crushing, grading, packaging and other processes. Color sand products are: black series color sand, red series color sand, yellow series color sand, white series color sand, green series color sand, blue series color sand.

#### 天然彩砂的应用 APPLICATION OF NATURAL COLORED SAND

主要应用于: 建筑装修、水磨石骨料、真石漆、彩砂涂料等。天然彩砂可用于制造大理石、地板砖、瓷砖及装饰用卫生洁具等, 具有光泽、光滑、坚固耐磨等优点。利用天然彩砂制作的新型内外墙石漆、浮雕等产品, 具有耐磨、防水、防腐、无毒、粘结力强、色彩绚丽等特点, 被广泛应用于建筑工程及室内装饰、浮雕等。用天然彩砂制作的高级喷漆涂料, 具有无毒、无味、光泽鲜艳、色调柔和、立体感强等特点。利用五彩石铺设的地面、路面能起到美化环境、保健身体的作用。

Mainly used in: building decoration, terrazzo aggregate, real stone paint, color sand paint, etc. Natural colour sand can be used at making marble, floor tile, ceramic tile and adornment use wholesome clean to provide, have burnish, smooth, strong the advantage such as wear-resisting. The new type of stone paint and embossment made of natural colored sand are widely used in architectural engineering and interior decoration. The advanced spray paint made of natural colored sand has the characteristics of nontoxic, tasteless, bright luster, soft color and strong stereoscopic sense. The ground that USES multicolored stone laid, pavement can have beautification environment, the action of health care body.

#### 天然岩片 / 旭阳制造 NATURAL ROCK SLICE MADE IN XUYANG



天然岩片是一种装饰材料, 其保色性、耐水性、仿真性极强, 并有极好的耐批和耐寒性, 热不发粘, 冷不发脆, 颜色丰富、鲜艳, 可塑性强, 是生产真石漆、花岗岩漆的极好搭档, 是内墙涂料, 立体感强的新型装饰材料。

Natural rock flake is a kind of decorative material, its color retention, water resistance, simulation, and has excellent batch resistance and cold resistance, hot not sticky, cold not brittle, rich color, bright, strong plasticity, is a good partner in the production of real stone paint, granite paint, interior wall paint, three-dimensional strong new decorative materials.

#### 天然岩片的应用 APPLICATION OF NATURAL ROCK SLICE

天然岩片是制作新型内外墙石漆、浮雕等产品, 具有光泽靓丽、防水、防腐、无毒、粘结力强、色彩绚丽等特点, 被广泛应用于建筑工程及室内装饰、浮雕等。高级喷漆涂料, 具有无毒、无味、光泽鲜艳、色调柔和、立体感强等特点。

Natural rock slice is a new type of interior and exterior wall stone paint, relief products, with bright and beautiful, waterproof, anticorrosive, non-toxic, strong adhesion, brilliant colors and other characteristics, is widely used in construction and interior decoration, relief, etc. Advanced spray paint coating has the characteristics of non-toxic, tasteless, bright luster, soft color and strong stereoscopic sense.

**XUYANG**  
MAIN PRODUCTS  
主要产品

**海泡石 / 旭阳制造**  
SEPIOLITE  
MADE IN XUYANG



**海泡石特性 SEPIOLITE CHARACTERISTICS**

(1)吸附性：其孔隙多，面积大，多孔隙，有很高的吸附性能。  
 (2)流变性：其颗粒呈现不等轴针状，遇水及其他溶剂时能迅速解散，并增大体积，易形成具流度高粘度液体。  
 (3)催化性：对有机质具有很强的亲和力，能与有机质反应剂起直接作用，生成有机矿物衍生物，并有很高的化学附性。  
 (4)体质轻：比重2-2.3，体重1.2-1.5吨/立方米，硬度2-2.5。  
 并且海泡石无毒无异味，对人体无害，耐高温，其溶点在1500°C-1700°C，收缩率低，可塑性好，可溶于盐酸，并具绝缘性好，抗盐度高等特点。  
 Adsorbability: it has many pores, large area, multiple pores and high adsorption performance.  
 Fluidity: the particles are unequal to the axis of the needle, water and other solvents.  
 When it can be quickly dissolved, and increase the volume, easy to form a fluid with high viscosity liquid.  
 Catalyst: has strong affinity to organic matter, can react directly with organic matter reagent, generate organic mineral derivatives, and has high chemical adhesion.  
 Light constitution: specific gravity 2.2-3, weight 1.2-1.5 tons/m<sup>3</sup>, hardness 2-2.5.  
 In addition, sepiolite is non-toxic and odorless, harmless to human body and resistant to high temperature. Its solution point is 1500c-1700c, with low shrinkage and plasticity Good, soluble in hydrochloric acid, good insulation, high salinity resistance.

**石棉绒 / 旭阳制造**  
ASBESTOS WOOL  
MADE IN XUYANG



石棉是一种天然保温材料，组织结构为纤维体，并能分解为针状弹性纤维，适用于各种摩擦片和石棉制品、涂料等。

Asbestos is a natural thermal insulation material, the structure of the fiber Dimension, and can be decomposed into needle-like elastic fibers, suitable for a variety of Friction sheet and asbestos products, paint, etc.

材质 Material	石棉纤维 Asbestos fiber	产地 Place of origin	河北省灵寿县 Lingshou county, hebei province
产品类别 Product category	防火板 fire-proof plate	产品类别 product type	保温棉 insulated cotton
导热系数 Coefficient of thermal conductivity	0.03	等级 grade	一级 First Grade
低温弯折 < Low temperature bendings	强 strong	断裂伸长率 Elongation at break	强 strong
规格 specification	多种 various	抗弯强度 flexure strength	强 strong
抗压强度 compressive strength	强 strong	使用温度 The use of temperature	350
芯材 core materials	石棉绒 asbestos wool	形态 form	纤维状 threadiness
形状 shape	片状 Flake	应用范围 Range of application	EPS外墙保温系统 EPS external wall insulation system

**XUYANG**  
MAIN PRODUCTS  
主要产品

**漂珠 / 旭阳制造**  
BEADS  
MADE IN XUYANG



漂珠是一种能浮于水面的粉煤灰空心球，呈灰白色，壁薄中空，重量很轻，容重为720kg/m<sup>3</sup>(重质)，418.8kg/m<sup>3</sup>(轻质)，粒径约0.1毫米，表面封闭而光滑，热导率小，耐火度>1610°C，是优良的保温耐火材料，广泛用于轻质浇注料的生产和石油钻井方面。漂珠的化学成份以二氧化硅和三氧化二铝为主，具有颗粒细、中空、质轻、高强、耐磨、耐高温、保温绝缘、绝缘阻燃等多种功能，现已广泛应用于耐火材料原料之一。

The ball is a kind of fly ash hollow ball that can float on the water.Gray-white color, thin and hollow wall, light weight, bulk density of 720kg/m<sup>3</sup>(heavy quality),418.8kg/m<sup>3</sup>(light weight), particle size about 0.1 mm, closed and smooth surface, hot Small conductivity, refractory 1610C, is an excellent thermal insulation refractory, widely used in the production of lightweight castable Production and oil drilling.The chemical composition of bleaching beads is mainly silica and alumina, with particles Fine, hollow, light weight, high strength, wear resistance, high temperature resistance, insulation, insulation flame retardant and other functions,Has been widely used in refractory materials one of the raw materials.

**化学成份 CHEMICAL COMPOSITION**

成分 Element	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	SO <sub>3</sub>	CaO	MgO	K <sub>2</sub> O	Na <sub>2</sub> O
含量% Content	56-62	33-38	2-4	0.1-0.2	0.2-0.4	0.8-1.2	0.5-1.1	0.3-0.9

**矿物纤维 / 旭阳制造**  
MINERAL FIBER  
MADE IN XUYANG



**纤维的化学成分 THE CHEMICAL COMPOSITION OF THE FIBER**

SiO<sub>2</sub>:40-60% ; Al<sub>2</sub>O<sub>3</sub>:15-25% ; Fe<sub>2</sub>O<sub>3</sub> : 3~7% ;  
CaO+MgO : 25-30 ; Na<sub>2</sub>O+K<sub>2</sub>O:3-6%

**纤维的特点及用途 CHARACTERISTICS AND USES OF FIBER**

具有良好的分散性，适合用各类混料机混拌，用本厂人造岩棉纤维所生产的制动衬片产品，磨削面无团块料，产品外观均匀一致，质感好。  
 在生产工艺中配有专用分离渣球的设备对渣球进行分离，渣球含量低：<3%，制成制动衬片后，制运噪音小。

With good dispersion, suitable for all kinds of mixing machine mix, with the factory Rock cotton fiber produced by the brake lining products, grinding surface no dough material, production Product appearance uniform, good texture.  
 In the production process, special equipment for separating slag ball is equipped to separate the slag ball. The content of slag ball is low :<3%.

**推荐用量 RECOMMENDED DOSAGE**

管货车用鼓式制动衬片：15%-35%，盘式制动衬片：8-25%  
 失量(相5户害安调)

Drum brake lining for passenger and truck: 15%-35%,  
 Disc brake lining:8-25%,Loss (phase 5)<1(800CAh)

**推荐混拌工艺 RECOMMEND MIXING PROCESS**

立耙式混料机：6-10分钟  
 立轴式高速混料机(配有高速绞刀)：4-6分钟

Vertical rake mixer:6-10分钟6-10 minutes  
 Vertical shaft type high speed mixer (with high speed reamer):4-6 minutes



## 负离子粉 / 旭阳制造

TALCUM POWDER  
MADE IN XUYANG



(1)净化空气。负离子粉体中的负离子在空气中移动是呈现“Z”字形的。而且输送负电荷给细菌、灰尘、烟雾微粒以及水滴等，电荷与这些微粒相结合聚成球而下沉，从而达到净化空气的目的。  
(2)消除室内异味和各种有害气体。在室内装修过程中使用的装潢材料挥发出来的苯、甲醛、酮、氨等刺激性气体以及日常生活中剩菜剩饭酸臭味，香烟等对人体有害的异味，用含负离子粉体的壁布、窗帘等或含负离子粉体的涂料，其释放的空气负离子都能有效地加以消除。  
(3)保健作用。经负离子纤维加工的织物如衣服、床单及室内装潢用的壁纸、地毯，或含负离子粉体的涂料等，都具有保健和环保双重功能，例如用负离子纤维制成汽车内织物，能消除汽车内异味，净化空气、调节驾驶员神经系统的兴奋和抑制状态，改善大脑皮层功能保持良好的精神状态。  
(4)水处理。用负离子粉体加入过滤材料用于饮水机过滤芯，能杀死水中细菌，增加水中溶解氧，用负离子纤维制成浴室毛巾或用于浴室水处理，能加速水分子运动，使普通水变成活性水。增加能量，容易去除人体污垢，消除疲劳。经过处理的水用于高档绿色植物室内栽培，能提高植物的成活率，并缩短成熟期，喷洒到花卉的叶面，能使花卉的保鲜期延长5-10倍。

make the air clean The negative ions in the anion powder move in the air in the form of "Z" and transfer the negative charge to bacteria, dust, fog particles and water droplets, etc. The charge and the particles combine to form a ball and sink, so as to achieve the purpose of purifying the air. Eliminate indoor peculiar smell and all sorts of harmful gas. The excitant gas such as the benzaldehyde ketone ammonia that USES in interior decorating process volatilizes to come out and the leftovers in daily life sour smelly flavour, the peculiar smell that waits for harmful to human body such as cigarette, the wall cloth curtain that USES the wall that contains anion powder body or the coating that contain anion powder body, the air anion that its release can try to eliminate effectively.

Health care function: Fabrics processed with anionic fibers, such as clothes, bed sheets, and wallpaper and carpets for interior decoration. Or the coating that contains anion powder body, have health care and environmental protection double function, be like to make the fabric inside the car with anion fiber for instance, can eliminate the peculiar smell inside the car, purify air, adjust the excitement of driver nervous system and restrain a condition, improve cerebral cortex function to maintain good mental state.

water treatment: Use negative ion powder to add filter material for drinking water filter core, can kill bacteria in water, increase Dissolve oxygen in water, make bathroom towel with anion fiber or be used at bathroom water treatment, can accelerate water molecule motion, make common Water becomes active water. Increase energy, easy to remove dirt, eliminate fatigue. Treated water is used for high-grade green plants Indoor culture, can improve the survival rate of plants, and shorten the maturity period, spray to the flowers leaves, can make the flowers fresh. The period is extended by 5-10 times.

## 远红外粉 / 旭阳制造

FAR-INFRARED POWDER  
MADE IN XUYANG



本粉体可适用于制成远红外纤维、远红外保暖内衣、远红外功能卡、远红外医药贴布、药膏、远红外保温抗菌服、远红外涂料、远红外油漆、远红外陶瓷制品、远红外自发热、远红外建筑材料、远红外抑菌包装材料。

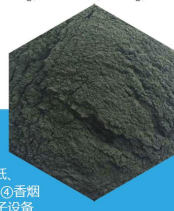
主要应用于：环保、工艺品、医疗、日用化工、塑料、建筑装潢、国防、健康衣料及保健品、化妆品、卷烟、配药、汽车、涂料、水质处理等高科技领域。

The powder can be used to make far-infrared fiber, far-infrared thermal underwear, far-infrared function card, far-infrared medical paste, ointment, far-infrared insulation and bacteriostatic clothing, far-infrared coating, far-infrared thermal paint, far-infrared ceramic products, far-infrared self-heating, far-infrared building materials, far-infrared bacteriostatic packaging materials.

Mainly used in: environmental protection, arts and crafts, medical, daily chemical, plastic, building decoration, national High-tech fields such as anti-pollution, healthy clothing and health care products, cosmetics, cigarette, medicine dispensing, automobile, coating, water treatment, etc.

## 电气石粉 / 旭阳制造

ELECTRIC POWDER  
MADE IN XUYANG



由于电气石具有压电性和热电性等独特的物化性能，因此，具有远红外波段的电磁辐射，产生负氧离子以及抗菌、除臭等功能。因此，近年来广泛用于功能纤维、纺织、服装、涂装材料、饮水净化、建材、日用品以及复合材料等领域。

还应用于其他领域：①高纯度的电气石可做为宝石材料，制成各种饰品挂件项链、手镯等；②抗菌除臭墙纸、地板、天花板、家具、内墙涂料和混凝土等；③抗菌保鲜包装材料，如塑料薄膜、箱体和包装纸及纸箱等；④香烟过滤嘴的健康填料；⑤水体和空气净化材料；⑥牙膏、化妆品等的添加剂；⑦抗菌涂料或涂层材料，用于电子设备、家用电器和日常生活用品等；⑧具有抗菌、杀菌、除臭等功能的远红外辐射复合陶瓷。

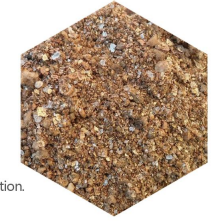
Due to the tourmaline has piezoelectric and thermoelectric and other unique physical and chemical properties, therefore, with the far-infrared band of electromagnetic radiation, negative oxygen ions and antibacterial, deodorant and other functions. Therefore, in recent years, it is widely used in functional fiber, textile, clothing, coating materials, drinking water purification, building materials, daily necessities and composite materials and other fields. Also used in other fields: (1) high purity tourmaline can be used as a gem material, made of various ornaments pendant necklace, bracelet; antibacterial deodorant wallpaper, floor, ceiling, furniture, interior wall paint and concrete, etc. (2) antibacterial preservation packaging materials, such as plastic film, box and packaging paper and cartons; (3) cigarette filter healthy filler; (4) water and air purification materials; (5) toothpaste, cosmetics and other additives; (6) antibacterial coatings or coating materials, used in electronic equipment, household appliances and daily necessities; Has the function such as antibacterial, sterilization, deodorization, far infrared radiation compound ceramics.

## XUYANG MAIN PRODUCTS

### 主要产品

### 堵漏剂 / 旭阳制造

PLUGGING AGENT  
MADE IN XUYANG



产品组成：主要由植物硬质果壳，云母和其它植物纤维组成。  
PRODUCT COMPONENTS: mainly by the plant hard shell, mica and other plant fiber composition.  
产品特征：黄色或灰黄色粉末，无毒，无腐蚀的惰性材料，遇水膨胀。  
PRODUCT FEATURES: yellow or grayish yellow powder, non-toxic, non-corrosive inert materials, expansion in water.

### 质量指标 QUALITY INDEX

项目 Item	指标 Index
密度 g/cm <sup>3</sup> Density	1.0-1.65
筛余量 weight of screen residue Standard mesh size %	<10.0
水分, % Moisture	<9
灼烧残渣, % Ignition residue	<8
水溶物, % Hydrotrope	<5
PH值 PH value	7.0-9.0

### 产品性能指标 PRODUCT PERFORMANCE INDEX

Index 指标	FD-1	FD-2
水分 Moisture	≤15.0	≤15.0
细度, % Fineness		
标准筛孔径 Standard mesh size (0.075mm)	≤5.0	≥10.0
标准筛孔径 Standard mesh size (0.075mm)	≥40.0	≤40.0
标准筛孔径 Standard mesh size (0.075mm)	≤30.0	≥20
标准筛孔径 Standard mesh size (0.075mm)	≥20.0	≥20.0

注：灼烧残渣只适用于植物纤维类36-45% Note: burning residue is only applicable to plant fiber

产品用途：适用于钻井裂缝、多孔隙地层的堵漏，若与其它堵漏材料混合使用效果更佳。  
Application: suitable for drilling cracks, porous formation plugging, if mixed with other plugging materials better effect

注意事项：贮于通风干燥处，防止雨淋和受潮。运输中应有防雨设备。

Idea: store in ventilated dry bath place, prevent rain and damp transportation should be rainproof equipment

### 单顶封闭压力剂 / 旭阳制造

SINGLE TOP SEALING PRESSURE AGENT  
MADE IN XUYANG



特点：单向压力封闭剂，是经特别工艺处理的多种天然纤维与填充粒子，按适当的级配和一定的工艺复合而成的灰黄色粉末状产品。产品在钻井中加入后，在单向压力差作用下，能对地层有各种渗漏起到良好的封堵效果，使用方便，配伍性好，不影响泥浆性能。

用途：钻井液用单向压力封闭剂DF-1，适用于钻井中不同情况的孔隙性及微裂隙地层渗漏滤失。该产品良好的配伍性适用于不同体系、不同密度的钻井液和完井液，对微裂缝渗滤达到有效的封堵，并能改善泥饼质量，降低失水。该产品推荐加量为4%。

Unidirectional pressure sealant is a kind of grayish-yellow powder product made up of a variety of natural fibers and filling particles treated by special process and compounded by appropriate gradation and certain process. After the product is added into the drilling well, under the action of unidirectional pressure difference, it can play a good sealing effect on the formation with various leakage, easy to use, good compatibility, and does not affect the mud performance.

DF-1, a unidirectional pressure sealant used for drilling fluid, is suitable for different conditions of porosity and micro-fracture formation leakage and filtration in cobalt Wells. The good compatibility of the product is suitable for drilling fluids and completion fluids of different systems and densities. The effective plugging of micro-fracture seepage can also improve the quality of mud cake and reduce water loss. The recommended dosage for this product is 4%.

**XUYANG**  
MAIN PRODUCTS  
主要产品

**盐灯 / 旭阳制造**  
SALT LAMPS  
MADE IN XUYANG

**盐灯介绍及特性** INTRODUCTION AND CHARACTERISTICS OF SALT LAMPS

盐灯是由天然的水晶盐矿石手工制作而成。盐灯是用较大的天然盐块做成，把中央掏空，放置灯泡，配备底座，便做成了盐灯。盐灯是通过里面的灯泡发热产生负离子的。

喜马拉雅水晶盐含氯化钠98%以上，其余元素包括铁、钙、镁、钾、铝、锌、镉、硅等数十种人体所需矿物质。

英国、美国以及中欧的很多国家在这方面进行试验，结论是盐晶灯能释放出阴性离子（负离子）。阴性离子是在持续重复的水气凝化和蒸发过程中释放出的。

晶盐灯将四周空气里的水气吸至它那微温的表面，在盐晶灯表面的水气和盐结合成盐溶液，由于灯光的热力，盐溶液被蒸发，在蒸发的过程中，阴性离子因而被释放出来。这使灯的四周出现了大量的亲生物阴性离子。只有盐矿石有这种与水接触后能释放出离子的特点，这是因为岩盐拥有中性电荷的原子结构。

Salt lamps are made by hand from natural crystal salt ores. The salt lamp is made of larger natural salt blocks, hollowed out in the center, placed in the bulb, equipped with a base, it is made into a salt lamp. The salt lamp generates negative ions by heating the bulb inside.

Himalayan crystal salt contains more than 98% sodium chloride, the other elements include iron, calcium, magnesium, potassium, aluminum, zinc, gallium, silicon and dozens of minerals needed by the human body.

Experiments in Britain, the United States and many countries in central Europe have concluded that salt crystals emit negative ions. Negative ions are released in the process of continuous and repeated water condensation and evaporation.

Salt crystal lamp sucks the moisture in air all round its that lukewarm surface, the moisture on the surface of salt crystal lamp and salt union become saline solution. person, as a result of lamplight heat, saline solution is evaporated, in evaporate process, negative ion is released consequently. This makes the lamp all round appeared a large number of close biological negative ion. Only salt ores have this characteristic of releasing ions upon contact with water, because rock salt has an atomic structure with a neutral charge.

**主要产品** MAIN PRODUCT



# 矿企业

KUANGYIQIYE



## XUYANG COMPANY PROFILE

### 企业简介

#### 携手旭阳矿业 成就辉煌事业

JOIN HANDS WITH XUYANGKUANGYE ACHIEVE BRILLIANT CAREER

灵寿县旭阳矿业有限公司成立于2006年，注册资金1000万，占地面积达36000平方米，其中建筑面积17800平方米，主由云母厂、蛭石厂、彩砂厂、氧化铁颜料厂、石家庄分公司盐灯加工包装车间五大部分组成。其中云母生产线18条，蛭石生产线16条，彩砂生产线5条，氧化铁系列生产线7条，盐灯加工、包装生产线4条。生产销售总量达16万余吨，其中云母粉4.5万吨，蛭石5万吨，彩砂2万吨，氧化铁3万吨，盐灯类100万套，其它约2万吨。公司现有员工160余人，其中管理人员39名，工程技术人员18名。

公司于2006年通过ISO9001:2000质量体系认证，连续多年被评为灵寿县工商联副会长单位，灵寿县重点企业，灵寿县纪委重点保护单位，灵寿县纳税前10强企业。（公司以可靠的质量，优质的服务，远见的战略眼光和不断的创新进取精神赢得市场各界赞誉和行业认可，成为北京消防协会副会长单位、中国摩擦密封材料协会会员单位，中国蔬菜大会基层分会会员单位，四川消防协会会员单位等。公司产品国内广泛应用于电焊条、防火涂料、水稻蔬菜育苗基质、马铃薯种植、摩擦密封材料、汽车阻尼材料、真石漆、地坪漆、建筑、陶瓷、塑胶等行业。产品还远销日本、韩国、俄罗斯、美国等国家，广泛应用于水泥墙体纤维板、建筑保温、无土栽培、土壤改良等行业。其中喜马拉雅盐灯、盐块远销欧美国家，赢得广大客户认可。

公司以可靠的质量，优质的服务，远见的战略眼光和不断的创新进取精神赢得市场各界赞誉和行业认可。

Lingshou county xuyang mining co., ltd. was established in 2006, with a registered capital of 10 million yuan, covering an area of 36,000 square meters, including a construction area of 17,800 square meters, mainly composed of mica factory, vermiculite factory, color sand factory, iron oxide pigment factory, shijiazhuang branch salt lamp processing and packaging workshop. Among them, there are 18 mica production lines, 16 vermiculite production lines, 5 colored sand production lines, 7 iron oxide series production lines, 4 salt lamp processing and packaging production lines. The total production and sales reached more than 160,000 tons, including 45,000 tons of mica powder, 50,000 tons of vermiculite, 20,000 tons of colored sand, 30,000 tons of iron oxide, 1 million sets of salt lamps, and about 20,000 tons of other products. The company has more than 160 employees, including 39 managers and 18 engineers and technicians.

The company passed iso9001:2000 quality system certification in 2006, has been rated as lingshou county federation of industry and commerce vice President unit for many years, lingshou county key enterprises, lingshou county commission for discipline inspection key protection units, lingshou county tax top 10 enterprises. (With reliable quality, excellent service, far-sighted strategic vision and continuous innovation and enterprising spirit, the company has won praise from all walks of life in the market and been recognized by the industry. It has become the vice President unit of Beijing fire protection association, the member unit of China friction seal material, the member unit of China vegetable conference matrix branch and the member unit of sichuan fire protection association. The company's products are widely used in the domestic electric welding rod, fire retardant coating, rice vegetable seedling substrate, potato planting, friction sealing materials, automotive damping materials, real stone paint, flat paint, construction, ceramics, plastics and other industries. Products are also exported to Japan, South Korea, Russia, the United States and other countries, widely used in cement wall fiber board, building insulation, soilless cultivation, soil improvement and other industries. One of the Himalayan salt lamp, salt block exported to Europe and the United States, to win the majority of customers.) The company with reliable quality, quality service, far-sighted strategic vision and continuous innovation and enterprising spirit to win praise from all walks of life in the market and industry recognition.

携手旭阳矿业

JOIN HANDS WITH XUYANGKUANGYE

成就辉煌事业

ACHIEVE BRILLIANT CAREER

灵寿县旭阳矿业有限公司  
LINGSHOUXIAN XUYANG MINING CO.,LTD

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CREATIVE ABILITY · CONSISTENCY



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