



中彰國際有限公司

陳永發



中彰國際

You trust is what we pursuit!  
You support is how we survive!  
You satisfaction is why we improve!



仁者愛山  
智者樂水  
山接水連  
財富通天下







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让世界认知中国!

让中国彰显于世界!







中彰國際

中彰国际集团有限公司  
SINOSI GROUP CORPORATION

中彰国际有限公司  
SINO SURPLUS INTERNATIONAL LTD.

中彰石化有限公司  
SINOSI OIL & CHEMICAL LTD.

中彰华源科技有限公司  
SINOSI SCI-TECH BEIJING CO., LTD.

中彰众邦经贸有限公司  
SINOSI TRADING BEIJING CO., LTD.

中彰国联贸易有限公司  
SINOSI INTERNATIONAL TRADING CO., LTD.

中彰宝利阳光科技发展有限公司  
SINOSI BAOLY SOLAR ENERGY DEVELOPMENT LTD.

中彰冶金设备有限公司  
SINOSI METALLURGICAL EQUIPMENT CO., LTD.

赛诺硅业有限公司  
SINO SILICA BEIJING CO., LTD.

赛诺石英有限公司  
SINO QUARTZ BEIJING CO., LTD.

赛诺天马信息技术有限公司  
SINO TEAM INF-TECH BEIJING CO., LTD.

硅业在线  
WWW.WINDOSI.COM

《硅业资讯》  
WWW.SINOSI.ORG





## 中彰國際 SINOSI GROUP

### Who we are

The SINOSI GROUP CORPORATION (SINOSI) is an professional and leading producer and supplier of silica and silicon materials (silicon dioxide, silicon oxygen, pure silicon) and related products which including and such as quartz, crystal, fused and fumed silica, amorphous silica, hydrated silica, silica gel, ferro silicon, silicon metal, UMG and solar grade silicon, mono and polycrystalline silicon etc. and also trading for some of photovoltaic materials and products in the solar industry such as solar cell, module, film and related equipments like laminator and soldering table etc. Meanwhile, we also offer the machinery, equipments, instruments and related service in this silica and silicon industry field such as smelting and purifying furnace and stove, laminator, soldering table, and environment protection system etc. Backed by the former Ministry of Geology & Mineral Resources of P. R. China and sharing the most up to date lab facilities and research resources of the Chinese Academy of Geological Sciences enabled the SINOSI a first class company in producing quality silica and silicon materials and related products as well as the most reliable and stable sales company in the world.

### What we offer

SINOSI and her branch companies such as Sino Surplus International Ltd., Sino Silica Beijing Co., Ltd. and Sinosi Sci-Tech Beijing Co., Ltd. Sinosi Baoly Solar Energy Development Ltd. and so on, have been developed and merchandised 30 categories, more than 500 types of silica and silicon materials and related products in China and, SINOSI users now spread over 60 countries and areas in the world wide market. The 99.995% purity quartz concentrate, 99.9%'s micro and nanometer powder, 95% spherical ratio fused silica powder, 3-5N UMG silicon and solar grade mono and polycrystalline silicon materials, which SINOSI developed are the top products in the silica and silicon industry and in the world wide market. This has been the state-of-art milestone in this silica and silicon producing field. SINOSI is also one professional supplier for the machinery, equipments, instruments and related technical service for the silica and silicon production in the world wide market, who is challenging the highest peak of world's technology with his top performance in the silica and silicon industry and business field.

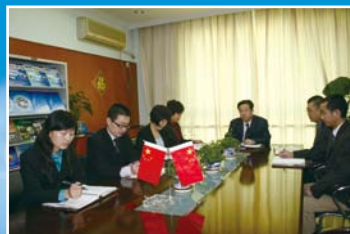
Meanwhile, SINOSI now is also dealing the mineral materials in the world wide market such as iron ore, chrome ore, manganese ore, barites, talc, kaolin clay and so on.

The petroleum and chemical materials are also one of SINOSI import business which including crude oil, fuel oil, base oil, filling materials, polishing materials as well as cleaning materials.

### Our professional team

SINOSI has a team of professional specialists and experts in geology, mining, metallurgy, chemistry, machinery, electron, solar energy and international trading in the silica and silicon producing and trading business field in the world wide who have more than 20 years experiences for the research, testing, producing, quality controlling, business holding and team managing in the world wide market. Their profounded theory and successful practical operation experience has been unanimously recognized and highly regarded in the field.

SINOSI technicians have actively combined traditional exploration, mining, processing techniques and modern smelting, purifying, analysis and controlling techniques and mechanics together. Through the study of geological theory of  $\text{SiO}_2$ , Silicon molecule dynamics theory, granularity crystal plasticity deformation theory, molecule fission theory, inner crystal air-raid impurity deformation theory and other theories, handling the core sample to purifying refine process by mathematical models, QCS online testing and controlling of materials and finished products with instruments of millionth to billionth precision, to ensure SINOSI to be the constant and steady provider of high-purity and super granularity silica and silicon materials to customers all over the world.





## 中彰国际—中国硅（SINOSI）

中彰国际集团有限公司（简称中彰国际，英文名 SINOSI GROUP CORPORATION，简称 SINOSI）是专业从事各种硅（二氧化硅、一氧化硅、纯硅）原料及其制品研发、生产、销售于一体的专业公司。公司目前经营的产品有 30 多个系列 500 多个品种，用户遍及 60 余个国家和地区。中彰国际（SINOSI）研发的高纯石英砂（ $\text{SiO}_2$  纯度达到 99.999%）、超细石英粉（D50 达到 1-10 $\mu$ ）、纳米硅粉（D50 达到 50-500nm）、球型熔融石英粉（球化率达到 95% 以上）、高纯一氧化硅镀膜材料（ $\text{SiO}$  纯度达到 99.99%）、物理冶炼法 UMG 硅料（ $\text{Si}$  纯度达到 3-6N 产品）以及太阳能级多晶硅（ $\text{Si}$  纯度达到 6N 以上）、单晶硅原料是当今世界二氧化硅、一氧化硅、纯硅加工、提纯、制造领域的顶级产品。这种高纯、超细、球型化硅原料在航空、航天、电子、光纤、光学、太阳能光伏等产业和领域发挥着重要的不可替代的作用。同时，将中国的硅原料和生产高质量硅原料的技术推向世界，将世界高质量的硅原料及其研发和生产技术引入中国是中彰国际（SINOSI）永不改变的诺言。

## 进出口业务及国际经济交流与合作

中彰国际（SINOSI）凭借多年国际市场的经验和进出口业务渠道，在石油、化工、矿产品以及金融合作等方面与美国、加拿大、日本、英国、意大利、德国、阿联酋、澳大利亚、巴西、南非、阿根廷、尼日利亚、秘鲁、俄罗斯、哈萨克斯坦、吉尔吉斯斯坦、乌克兰、韩国、印度尼西亚、泰国、巴基斯坦、印度、越南、香港等国家和地区的政府部门、工商企业、金融机构建立了良好的业务合作关系。在熟知国际市场供应和需求的情况下，充分发挥“两个市场”的需求效应，合理并有效地演绎了“两种资源”的配置效应，在实现自身经济效益的同时，也在业内同行中创造性的实现了社会效益和经济效益并举的发展目标。目前经营的主要进出口业务包括：1）各种矿物原料，如铁矿砂、锰矿、铬矿、镍矿等；2）各种原油、燃料油、基础油等；3）太阳能及光伏产业产品，如太阳能电池版、组件以及相关设备和耗材等。让世界认知中国，让中国彰显于世界，中彰国际（SINOSI）正为此不懈努力。

## 专业的技术团队和专有技术

中彰国际（SINOSI）拥有一支由在地质、采矿、选矿、冶金、机械、化工、电子、能源行业从事研究、开发、生产长达 10--20 年的专家、学者构成的研发队伍。他们深厚的理论基础、丰富的实践经验以及富有成效的工作阅历，在同行中得到了普遍的认同和赞誉。他们涉及地质、采矿、选矿、化工、冶炼、机械、仪器、电子、分析等专业领域。中彰国际（SINOSI）的技术人员将传统的探矿、开矿、选矿工艺和技术与现代化化工技术和工艺有机地结合起来，他们通过对二氧化硅形成的地质理论、硅分子动力学原理、颗粒晶体塑性变形原理、分子裂变原理、晶体内空位杂质运动等理论的研究，结合当今化学工艺技术已经取得的先进经验，运用数学模型将岩芯交予模拟的纯化提炼流程，通过百万分之一乃至亿万分之一的精密仪器对产品实行在线 QCS 检测与控制，从而确保中彰国际（SINOSI）能够长期稳定地向世界各国用户提供高纯、超细、球型化硅原料。同时，面对当今飞速发展的太阳能光伏产业，中彰国际研发的高纯 UMG 硅料以及太阳能级多晶硅、单晶硅原料，不仅在技术上实现了对传统西门子法的巨大挑战，而且成功地将该技术实现了工业化量产。

## 中国“硅业在线”及《硅业资讯》

中彰国际（SINOSI）联合众多业内机构、企业发起并打造建立的中国“硅业在线”网（[www.windosi.com](http://www.windosi.com)）电子商务平台及《硅业资讯》杂志（[www.sinosi.org](http://www.sinosi.org)）以其先进的市场营销理念、专业的营销团队以及科学的企业管理理念为世界硅原料制造商和用户打造了一个互通有无的商业平台。“硅业在线”及《硅业资讯》构筑了一个国际化的硅业通道和商业平台。





The World of Silica and Silicon





## 各种系列硅原料 Silica and silicon series materials

### 天然硅原料 Natural Silica

SS/NS/SO



**天然硅石**  
**Natural Silica Ore**

规格:  $\text{SiO}_2$ :95%-99.98%  
粒度: 0-500mm  
包装: 散装, 吨袋等  
年产量: 100,000 吨 / 年

Spec.:  $\text{SiO}_2$ :95%-99.98%  
Size: 0-500mm  
Packing: Bulk, one-MT-bag and so on  
Capacity: 100,000MT/year

产品编号 Product Re-order No.: SS/NS/SO

SS/NS/SB



**天然硅砂**  
**Natural Silica Sand**

规格:  $\text{SiO}_2$ :95%-99.98%  
粒度: 20-180 目 >90%  
包装: 吨袋、25kg、50kg 编制袋或纸袋等  
年产量: 30,000 吨 / 年

Spec.:  $\text{SiO}_2$ :95%-99.98%  
Size: 20-180M >90%  
Packing: one-MT-bag, 25kg, 50kg weave bag or paper bag  
Capacity: 30,000MT/year

产品编号 Product Re-order No.: SS/NS/SB

SS/NS/SP



**天然硅微粉**  
**Natural Silica Powder**

规格:  $\text{SiO}_2$ :98%-99.8%  
粒度: D50:180-4000 目  
包装: 25kg、50kg 编制袋或纸袋等  
年产量: 8,000 吨 / 年

Spec.:  $\text{SiO}_2$ :98%-99.8%  
Size: D50:180-4000Mesh  
Packing: 25kg, 50kg weave bag  
Capacity: 8,000MT/year

产品编号 Product Re-order No.: SS/NS/SP

### 熔融硅原料 Fused Silica

SS/FS/SB



**熔融硅石**  
**Fused Silica Block**

规格:  $\text{SiO}_2$ :98%-99.98%  
粒度: 0-200mm  
包装: 吨袋、25kg、50kg 编制袋等  
年产量: 8,000 吨 / 年

Spec.:  $\text{SiO}_2$ :98%-99.98%  
Size: 0-200mm  
Packing: one-MT-bag, 25kg weave bag, 50kg weave bag  
Capacity: 8,000MT/year

产品编号 Product Re-order No.: SS/FS/SB

SS/FS/SS



**熔融硅砂**  
**Fused Silica Sand**

规格:  $\text{SiO}_2$ :98%-99.98%  
粒度: 20-180 目 >90%  
包装: 吨袋、25kg、50kg 编制袋或纸袋等  
年产量: 8,000 吨 / 年

Spec.:  $\text{SiO}_2$ :98%-99.98%  
Size: 20-180M >90%  
Packing: one-MT-bag, 25kg, 50kg weave bag  
Capacity: 8,000MT/year

产品编号 Product Re-order No.: SS/FS/SS

SS/FS/SP



**熔融硅微粉**  
**Fused Silica Powder**

规格:  $\text{SiO}_2$ :98%-99.98%  
粒度: D50:180—4000 目  
包装: 25kg、50kg 编制袋或纸袋等  
年产量: 5,000 吨 / 年

Spec.:  $\text{SiO}_2$ :98%-99.98%  
Size: D50:180-4000Mesh  
Packing: 25kg, 50kg weave bag or paper bag  
Capacity: 5,000MT/year

产品编号 Product Re-order No.: SS/FS/SP



## 玻璃硅原料 Glass Silica

SS/GS/NS



**玻璃硅砂**  
Glass Silica Sand

规格:  $\text{SiO}_2$ :95%-99.5%  
粒度: 26-150 目 >90%  
包装: 散装、吨袋、25kg、50kg 编制袋或纸袋等  
年产量: 300,000 吨 / 年

Spec.:  $\text{SiO}_2$ :95%-99.5%  
Size: 26-150Mesh 90% min.  
Packing: bulk, one-MT-bag, 25kg, 50kg weave bag or paper bag  
Capacity: 300,000MT/year

产品编号 Product Re-order No.: SS/GS/NS

SS/GS/KF



**钾长石**  
K-Feldspar

规格:  $\text{K}_2\text{O}$ : 7%-13%  
粒度: 20-325 目 >90%  
包装: 吨袋、25kg、50kg 编制袋或纸袋等  
年产量: 20,000 吨 / 年

Spec.:  $\text{K}_2\text{O}$ : 7%-13%  
Size: 20-325Mesh>90%  
Packing: bulk, one-MT-bag, 50kg weave bag or paper bag  
Capacity: 20,000MT/year

产品编号 Product Re-order No.: SS/GS/KF

SS/GS/NF



**钠长石**  
Na - Feldspar

规格:  $\text{NaO}$ : 2%-8%  
粒度: 20-325 目 >90%  
包装: 吨袋、25kg、50kg 编制袋或纸袋等  
年产量: 5,000 吨 / 年

Spec.:  $\text{NaO}$ : 2%-8%  
Size: 20-325Mesh>90%  
Packing: one-MT-bag, 25kg, 50kg weave bag or paper bag  
Capacity: 5,000MT/year

产品编号 Product Re-order No.: SS/GS/NF

## 合成硅原料 Synthetic Silica

SS/SS/SM



**合成硅料**  
Synthetic Silica Material

规格:  $\text{SiO}_2$ :99.9%-99.999%  
包装: 5kg、10kg、25kg 包装袋或木桶、塑料桶等  
年产量: 2,000 公吨 / 年

Spec.:  $\text{SiO}_2$ :99.9%-99.999%  
Packing: 5kg, 10kg, 25kg or wooden barrel, plastic barrel  
Capacity: 2,000MT/year

产品编号 Product Re-order No.: SS/SS/SM

SS/SS/SP



**合成硅砂**  
Synthetic Silica Sand

规格:  $\text{SiO}_2$ :99.9%-99.9995%  
粒度: 5-120 目 >90%  
包装: 5kg、10kg、25kg 包装袋或木桶、塑料桶等  
年产量: 1,000 公吨 / 年

Spec.:  $\text{SiO}_2$ :99.9%-99.9995%  
Size: 5-120M>90%  
Packing: 25kg/bag, 50kg/bag or wooden barrel, plastic barrel  
Capacity: 1,000MT/year

产品编号 Product Re-order No.: SS/SS/SP

SS/SS/SP



**合成硅粉**  
Synthetic Silica Powder

规格:  $\text{SiO}_2$ :99%-99.999%  
粒度:  $\text{D}_{50}$ :5-10  $\mu$   
包装: 25kg、50kg 编制袋或纸袋等  
年产量: 1,000 公吨 / 年

Spec.:  $\text{SiO}_2$ :99%-99.999%  
Size:  $\text{D}_{50}$ :5-10  $\mu$   
Packing: 25kg/pp, 50kg/pp or paper bag  
Capacity: 1,000MT/year

产品编号 Product Re-order No.: SS/SS/SP





## 高纯硅原料 Purity Silica

SS/PS/HPQ



### 高纯石英砂

HPQ(High Purity Quartz)Concenprate

规格:  $\text{SiO}_2$ :99.9%-99.9998%

粒度: 40-120 目、0-50mm 或 100-400  $\mu$

包装: 25kg、50kg 编制袋或纸袋、吨袋等  
年产量: 15,000 吨 / 年

Spec.:  $\text{SiO}_2$ :99.9%-99.9998%

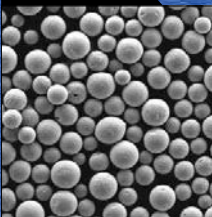
Size: 40-120, 0-50mm or 100-400  $\mu$

Packing: 25kg/pp, 50kg/pp or paper bag, one-MT-bag

Capacity: 15,000MT/year

产品编号 Product Re-order No.: SS/PS/HPQ

SS/PS/SSP



### 球形硅微粉

Spherical Fused Silica Powder

规格:  $\text{SiO}_2$ :99.9%min

粒度: D50:1-15  $\mu$

包装: 25kg、50kg 编制袋或纸袋等  
年产量: 3,000 吨 / 年

Spec.:  $\text{SiO}_2$ :99.9%min

Size: D50:1-15  $\mu$

Packing: 25kg, 50kg/pp or paper bag

Capacity: 3,000MT/year

产品编号 Product Re-order No.: SS/PS/SSP

SS/PS/TSP



### 超细硅粉

Micro Silica Powder

规格:  $\text{SiO}_2$ :98%-99.8%

粒度: D50:5-50  $\mu$

包装: 25kg、50kg 编制袋或纸袋等  
年产量: 3,000 吨 / 年

Spec.:  $\text{SiO}_2$ :98%-99.8%

Size: D50:5-50  $\mu$

Packing: 25kg, 50kg/pp or paper bag

Capacity: 3,000MT/year

产品编号 Product Re-order No.: SS/PS/TSP

## 纳米硅原料 Nanometer Micro Silica

SS/MS/MP



### 纳米硅微粉

Nanometer Micro Silica

纯度:  $\text{SiO}_2$ : 99.2%min

粒度: D50:50-500nm

包装: 20 公斤 或 25 公斤 / 袋

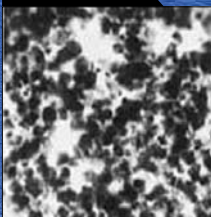
Purity:  $\text{SiO}_2$ : 99.2%min

Size: D50:50-500nm

Packing: 20KG or 25KG per bag

产品编号 Product Re-order No.: SS/MS/MP

SS/MS/NS



### 纳米碳化硅

Nanometer Silicon Carbide

指标:  $\text{SiC}$ : 99% min.

平均粒径: D50:50nm

包装: 200 克 /pvc 袋 ; 500 克 /pvc 袋

Spec.:  $\text{SiC}$ : 99% min.

Size: D50: 50nm

Packing: 200g/ pvc-bag or 500g/pvc-bag

产品编号 Product Re-order No.: SS/MS/NS

SS/MS/SN



### 纳米氮化硅

Nanometer Silicon Nitride

指标:  $\text{Si}_3\text{N}_4$ : 99% min.

平均粒径: D50:100nm; 800nm

包装: 200 克、500 克 pvc 袋

Spec.:  $\text{Si}_3\text{N}_4$ : 99% min.

Size: D50: 100nm; 800nm

Packing: 200g, 500g pvc-bag

产品编号 Product Re-order No.: SS/MS/SN





镀膜材料系列 Coating Materials



二氧化硅镀膜料  
Silicon Dioxide

指标: SiO<sub>2</sub>: 99.99% (min)  
粒度: 325 目  
包装: 1 公斤装 或根据客户要求

Spec.: SiO<sub>2</sub>: 99-99.99%  
Size: 325mesh  
Packing: 1kg or according to our customer's demands

产品编号 Product Re-order No.: SS/CM/SiO<sub>2</sub>



一氧化硅  
Silicon Monoxide (SiO) Powder

纯度: SiO: 99-99.99%  
粒度: 3-6 毫米 ; 6-5 毫米 ; 15-20 毫米 ; 0.05-1 毫米 ;  
包装: 1000 克每塑料瓶, 然后再装进纸箱或木箱里;

Purity: SiO: 99-99.99%  
Size: 3-6 mm; 6-5mm; 15-20mm;0.05-1mm;  
Packing: 1000g each with plastic bottles, then into cartons or wooden cases.

产品编号 Product Re-order No.: SS/CM/SiO



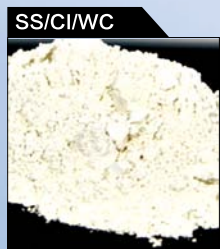
其他镀膜材料  
Other Coating Materials Aluminum Trioxide

种类: Al<sub>2</sub>O<sub>3</sub>, HfO<sub>2</sub>, ZrO<sub>2</sub>, Ti<sub>2</sub>O<sub>3</sub>, MgO 等  
规格: 颗粒状、粉状  
包装: 1 公斤装 或根据客户要求

Types: Al<sub>2</sub>O<sub>3</sub>, HfO<sub>2</sub>, ZrO<sub>2</sub>, Ti<sub>2</sub>O<sub>3</sub>, MgO etc.  
Size: Granule or powder  
Packing: 1kg or according to our customer's demands

产品编号 Product Re-order No.: SS/CM/XX

陶瓷硅原料 Ceramic Silica

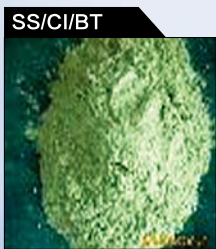


高岭土  
Kaolin Clay

化学成分: SiO<sub>2</sub>:47.2; Al<sub>2</sub>O<sub>3</sub>:37.5;  
粒度: 可以按您的要求加工;  
包装: 25 公斤每袋;

Chemical components: SiO<sub>2</sub>:47.2; Al<sub>2</sub>O<sub>3</sub>:37.5;  
Particle size: Per user's request;  
Packing: 25KG per bag

产品编号 Product Re-order No.: SS/CI/WC



膨润土  
Bentonite

指标: SiO<sub>2</sub>: 60-75%  
种类: 颗粒或粉状  
白度: 60-80  
包装: 25 公斤 / 袋、50 公斤 / 袋或根据客户要求

Spec.: SiO<sub>2</sub>: 60-75%  
Type: Granule or powder  
Whiteness: 60-80  
Packing: 25kg/bag, 50kg/bag or according to our customer's demands

产品编号 Product Re-order No.: SS/CI/BT



陶釉  
Glaze

种类: 白釉、黑釉、各种颜色的釉  
外观: 粉状  
粒度: 250 目以细

Type: White-glaze, Black-glaze, kind of colour-glaze  
Appearance: Powder Size: 250mesh (max)

产品编号 Product Re-order No.: SS/CI/GZ



## 化学硅原料 Chemical Silica

SS/CS/AS



### 消光粉 Amorphous Silica Powder

外观: 白色粉末  
包装: 5kg、10kg 编制袋或纸袋等  
产量: 1,000 吨 / 年

Appearance: White Powder  
Packing: 5kg or 10kg P.P bag or Paper bag  
Capacity: 1,000MT/year

产品编号 Product Re-order No.:  
SS/CS/AS

SS/CS/HS



### 白炭黑 Hydrated Silica Powder

外观: 白色粉末  
包装: 5kg、10kg 编制袋或纸袋等  
产量: 5,000 吨 / 年

Appearance: White Powder  
Packing: 5kg 10kg P.P bag or Paper bag  
Capacity: 5,000MT/year

产品编号 Product Re-order No.:  
SS/CS/HS

SS/CS/WG/SDHT188



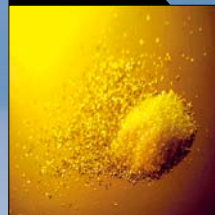
### 速溶水玻璃 Sodium Silicate Powder

化学成分:  $\text{SiO}_2$  %: 49.0-63.0;  $\text{Na}_2\text{O}$  %: 18.0-27.0;  
模数: 2.0-3.3  
包装: 25 公斤 / 袋;

Chemical components:  $\text{SiO}_2$  %: 49.0-63.0;  $\text{Na}_2\text{O}$  %: 18.0-27.0;  
Modulo: M: 2.0-3.3  
Packing: 25 KG per bag; T/year

产品编号 Product Re-order No.:  
SS/CS/WG/SDHT188

SS/CS/AS



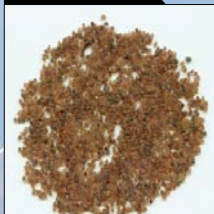
### D006 型醚化树脂催化剂 Etherified Resin Catalyst D006

用途: 甲基叔丁基醚 (MTBE) 的合成  
包装: 采用 PE 材质的塑胶袋包装, 每包 25 公升

Application: Used for producing MTBE  
Packing: 25kgs / PE plastic bag, also can pack as your request

## 磨料硅原料 Abrasive Silica

SS/SC/NS



### 天然金刚砂 Natural Silica Carbide

规格:  $\text{SiC}$ : 38%-45%  
粒度: 20-180 目  
包装: 25kg、50kg 编制袋或纸袋、吨袋等  
年产量: 12,000 吨 / 年

Spec.:  $\text{SiC}$  38-45%  
Size: 20-180 mesh  
Packing: 25kg 50kg P.P bag paper bag or Jumbo bag  
Capacity: 12,000MT/year

产品编号 Product Re-order No.: SS/SC/NS

SS/SC/BS



### 黑、绿碳化硅 Black & Green Carbide

规格:  $\text{SiC}$ : 90%-98%  
粒度: 国标各种型号和根据客户要求而生产  
外观: 黑色和绿色 包装: 25kg、50kg 编制袋或纸袋、吨袋等  
年产量: 20,000 吨 / 年

Spec.:  $\text{SiC}$ : 90%-98%  
Size: All State standard type or according to our customer's demands  
Packing: 25kg or 50kg packing by P.P paper or Jumbo bag  
Capacity: 20,000MT/year

产品编号 Product Re-order No.: SS/SC/BS

SS/SC/VS



### 棕、亚白刚玉 Brown & V. W. SiC

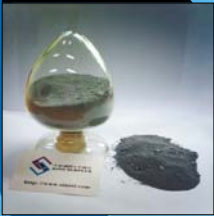
规格:  $\text{Al}_2\text{O}_3$ : >95%  
粒度: 国标各种型号和根据客户要求而生产  
包装: 25kg、50kg 编制袋或纸袋、吨袋等  
年产量: 50,000 吨 / 年

Spec.:  $\text{Al}_2\text{O}_3$ : 95% min  
Size: All types of State Standard or according to our customer's demands  
Packing: 25kg 50kg P.P bag paper bag or Jumbo bag  
Capacity: 50,000MT/Year

产品编号 Product Re-order No.: SS/SC/VS

建筑硅原料 Cement Silica

SS/CM/SF-85



加密微硅粉  
Densified Silica Fume

规格:  $\text{SiO}_2$ : 85%min  
烧失量: 6%max  
水份: 1.0%max  
包装: 25kg, 500kg, 800kg  
年产量: 60000MT/year

Spec:  $\text{SiO}_2$ : 85%min  
LOI: 6%max;  
H<sub>2</sub>O: 1.0%max  
Packing: 25kg, 500kg, 800kg  
Capacity: 60000MT/year

产品编号 Product Re-order  
No.: SS/CM/SF-85

SS/CM/SF-90



加密微硅粉  
Densified Silica Fume

规格:  $\text{SiO}_2$ : 90%min  
烧失量: 6%max  
水份: 1.0%max  
包装: 25kg, 500kg, 800kg  
年产量: 30000MT/year

Spec:  $\text{SiO}_2$ : 90%min  
LOI: 6%max;  
H<sub>2</sub>O: 1.0%max  
Packing: 25kg, 500kg, 800kg  
Capacity: 30000MT/year

产品编号 Product Re-order  
No.: SS/CM/SF-90

SS/CM/SF-90



粉煤灰  
Fly Ash

规格: A 级、B 级  
 $\text{SiO}_2$ : 55-70%  
包装: 25kg, 500kg, 800kg  
年产量: 150,000MT

Grade: A and B  
 $\text{SiO}_2$ : 55-70%  
Packing: 25kg, 500kg, 800Kg Bag  
Capacity: 150,000MT/year

产品编号 Product Re-order  
No.: SS/CM/SF-90

工业硅原料 Industry Silicon

SS/SM/SS



标准金属硅  
Silicon Metal

规格: 1101#, 2202#, 3303#, 3305#, 441#, 553#  
粒度: 0-150mm  
包装: 吨袋  
年产量: 20,000 吨 / 年

Types: 1101#, 2202#, 3303#, 3305#, 441#, 553#  
Size: 0-150mm  
Packing: Jumbo bag  
Capacity: 20,000MT/year

产品编号 Product Re-order No.:  
SS/SM/SS

SS/SM/SMP



金属硅粉  
Silicon Metal Powder

规格: 1101#, 2202#, 3303#, 3305#, 441#, 553#  
粒度: 20-2000 目  
包装: 吨袋、25kg、50kg 编制袋或纸袋  
年产量: 20,000 吨 / 年

Types: 1101#, 2202#, 3303#, 3305#, 441#, 553#  
Size: 20-2000 Mesh  
Packing: Jumbo bag 25kg 50kg P.P bag or Paper bag  
Capacity: 20,000MT/year

产品编号 Product Re-order No.:  
SS/SM/SMP

SS/FR/FS



标准硅铁  
Ferro Silicon

规格: 72#, 75#  
粒度: 0-150mm  
包装: 吨袋  
年产量: 20,000 吨 / 年

Spec.: 72#, 75#  
Size: 0-150mm  
Packing: Jumbo bag  
Capacity: 20,000MT/year

产品编号 Product Re-order  
No.: SS/FR/FS

SS/IS/SM



硅锰  
Silicon Manganese

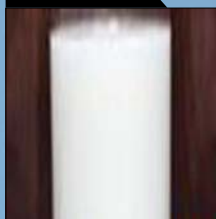
规格: 6517#, 6014#  
粒度: 0-150mm  
包装: 吨袋  
Types: 6517#, 6014#  
Size: 0-150mm  
Packing: Jumbo bag

产品编号 Product Re-order  
No.: SS/IS/SM



## 有机硅料 Organo Silicon

SS/OS/OSDA



### 有机硅消泡剂

#### Organic Silica Defoaming Agent

外观：白色或淡黄色  
PH 值：6-9 包装：25 公斤 / 桶，50 公斤 / 桶，  
或根据客户要求。

Appearance: White or light Yellow  
PH value: 6-9 Packing: 25kg, 50kg, or  
according to our customer's demands

产品编号 Product Re-order No.: SS/OS/  
OSDA

SS/OS/WPDA



### 水处理用消泡剂

#### Water-processing Defoaming Agent

外观：乳白色水溶液 PH 值：6-8  
包装 25 公斤 / 桶, 50 公斤 / 桶, 或根据客户要求。

Appearance: Milk-white PH value: 6-8  
Packing: 25kg, 50kg, or according to our  
customer's demands

产品编号 Product Re-order No.: SS/OS/  
WPDA

SS/OS/FS



### 平滑剂

#### Float Smoother

外观：乳白色低粘度乳液  
PH 值：6-8  
包装：125 公斤 / 桶

Appearance: Milk-white latex  
PH value: 6-8 Packing: 125kg

产品编号 Product Re-order No.: SS/  
OS/FS

## 氟硅材料 Fluorine Silicon

SS/FM/SO



### 氟硅油

#### Fluorinated Silicone Oil

技术指标：  
外观：无色至淡黄色透明液体  
粘度：300 ~ 10000CP/25℃  
凝固点：≤ -30℃。

用途：核工业、航天、航空机械、仪表。

包装：5 公斤塑桶和 200 公斤铁桶

Specification:

Appearance: Colorless and light yellow  
transparence liquid,

Viscosity: 300 ~ 10000CP/25℃

Freezing Point: ≤ -30℃。

Use: Applied in Nuclear Industry,  
spaceflight, aviation machine,  
instruments and so on.

Packing: 5 kg/ plastic drum and 200kg/  
iron drum

产品编号 Product Re-order No.:  
SS/FM/SO

SS/SM/FR



### 氟硅树脂

#### Fluorinated Silicone Resin

外观：淡黄色粘稠液体

固体含量：% 45-50

羟基含量：% 0.6

密度：g/ml (25℃) 1.06

粘度：mps•s, 25℃ 1000-3000

用途：配制金属防护涂料，防腐涂料及多  
种功能性涂料。

Appearance: light yellow viscous Liquor

Solid content: % 45-50

Hydroxyl content: % 0.6

Density: g/ml (25℃) 1.06

Viscosity: mps•s, 25℃ 1000-3000

Use: Applied in confecting metal  
protective coatings, Anti-corrsion  
Coatings and multi-functional coatings

产品编号 Product Re-order No.:  
SS/FM/FR

SS/FM/FR



### 氟硅橡胶

#### Fluorinated Silicone Rubber

用途：可广泛应用于航空和宇航、军工、  
汽车、电缆、橡胶加工等工业领域。

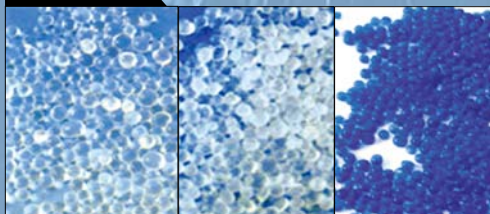
Application: Widely applied in  
industrial areas such as spaceflight,  
space navigation, war industry, auto,  
cable and rubber processing and so  
on.

产品编号 Product Re-order No.:  
SS/FM/FR



## 硅胶 / 硅油 / 硅树脂 Silica gel/Silicone oil/ Silicone resin

SS/SG/NR



### 硅胶 Silica Gel

二氧化硅含量: % ≥ 98

粒 度: 0.5-1.5mm、0.5-1mm、2-4mm、2-5mm、4-8mm。

包装: 每袋净重 25kg

用途: 主要用于干燥、防潮, 也可用作催化剂载体、吸附剂、分离剂、以及变压吸附等。

SiO<sub>2</sub> Content: % ≥ 98

Size: 0.5-1.5mm、0.5-1mm、2-4mm、2-5mm、4-8mm

Packing: 25kg/bag

Use: Mainly used for drying and moisture-proof, may also be used as catalyst carriers, adsorbents, separators and variable-pressure adsorbents, etc.

产品编号 Product Re-order No.: SS/SG/NR

SS/SO/DO



### 二甲基硅油 Dimethyl Silicon Oil 卫生级硅油 Health Silicone Oil 水溶性硅油 Water-Soluble Silicon Fluid

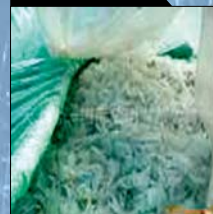
Varied kinds of silicone oil: SS/SO01 Dimethyl Silicon oil;

SS/SO02 Health Silicone Oil;

SS/SO03 Water-soluble Silicon Fluid and so on.

产品编号 Product Re-order No.: SS/SO/DO

SS/SR/SRS



### 有机硅树脂 Silicone Resin

规格: 固体

含量: 30%-100%

包装: 20kg/ 桶或 200/ 桶

Specification: solidity

Content :30%-70%

Packing : 20kg/ drum

产品编号 Product Re-order No.: SS/SR/SRS

## 油田硅料 Oilfield Silica

SS-P-100/120/300/400



### 空心漂珠 Cenosphere

漂浮率: 92% 以上; 或 95% 以上;

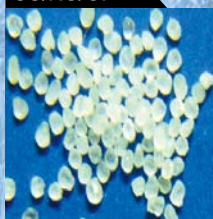
包装: 25KG/ 袋, 或吨袋;

Floating: 92%min, or 95%min;

Packing: 25KG per bag or 1,000KG per bag;

产 品 编 号 Product Re-order No.: SS-P-100/120/300/400

SS/NS/GP



### API 级石油压裂砂 API Standard Gravel Pack Sand

类型: API RP 58; API RP 56;

粒度: 20/40 目; 30/50 目; 16/30 目;

包装: 塑编袋, 50KG, 100KG, 吨袋;

TYPE: API RP 58; API RP 56;

Size: 20/40 mesh; 30/50 mesh; 16/30 mesh;

Packing: P.P. bag with net weight of 50kg, 100kg or 1MT per Bag;

产品编号 Product Re-order No.: SS/NS/GP

SS/YTS/GP



### 瓜尔胶 Guar Gum Powders

粘度: 5000-5500CPS; 7000CPS 以上

粒度: 200 目;

包装: 25 公斤每袋;

VISCOSITY: 5000-5500CPS; 7000CPS, etc;

Particle size: 200mesh;

PACKING: 25 Kg per bag

产品编号 Product Re-order No.: SS/YTS/GP



## 各种系列硅产品 Silica and silicon series products

### 石英、水晶制品 Quartz & Crystal Products

SS/ST/CT



**透明石英管**  
Clear Quartz Tube

规格: 外径: 2-180mm  
壁厚: 0.5-4mm O H: 2-40PPM  
包装: 裹气泡袋、海绵、泡膜装入纸箱或木箱  
年产量: 2,800 吨 / 年

Spec.: Dia.2-180mm,  
W.Thick.: 0.5-4mm, OH:2-40ppm  
Packing: Suitable for load and shipment  
Capacity: 2,800MT/Year

产品编号 Product Re-order No.: SS/ST/CT

SS/SP/TS



**石英坩埚**  
Special Translucent Quartz Products

规格: 可根据客户要求加工、生产各种形状的透明石英制品

Spec.: As per user's demands

产品编号 Product Re-order No.: SS/SP/TS

SS/SR/CR



**透明石英棒**  
Clear Quartz Rod

规格: 直径: 2-45mm, OH: 2-40PPM  
包装: 裹气泡袋、海绵、泡膜装入纸箱或木箱  
年产量: 2,000 吨 / 年

Spec.: Dia.2-45mm OH:2-40ppm  
Packing: Suitable for load and shipment  
Capacity: 2,000MT/Year

产品编号 Product Re-order No.: SS/SR/CR

SS/SD/SD



**合成石英片**  
Synthetic Quartz Disc

规格: 直径: 5-80mm,  
厚度: 0.2-10mm  
包装: 裹气泡袋、海绵、泡膜装入纸箱或木箱

Spec.: Dia.5-80mm,  
Thickness: 0.2-10mm  
Packing: Suitable for load and shipment

产品编号 Product Re-order No.: SS/SD/SD

SS/SD/FSD



**熔融石英片**  
Fused Quartz Disc

规格: 直径: 3-80mm,  
厚度: 0.2-10mm  
包装: 裹气泡袋、海绵、泡膜装入纸箱或木箱  
生产方式: 气炼, 连熔, 电熔

Type: Melting, Gas Furnace, Electric Furnace,  
Spec.: Dia. 3-80mm,  
Thickness: 0.2-10mm  
Packing: Suitable for load and shipment  
Capacity: 500MT/Year

产品编号 Product Re-order No.: SS/SD/FSD

SS/SP/CP



**透明石英制品**  
Special Clear Quartz Products

规格: 可根据客户要求加工、生产各种形状的透明石英制品

Spec.: Different or special types and size as per user's demands

产品编号 Product Re-order No.: SS/SP/CP



磁性材料 Magnetic Materials

SS/NM/PL



永磁起重器  
Permanent Magnetic Lifter

永磁起重器由强钕铁硼磁性材料组成磁路系统产生强磁，通过手柄的旋转，控制磁路开关。具有不用电，体积小，自重轻，吸持力大，操作方便，使用安全，磁力恒久不衰的特点。它广泛用于工厂，码头，仓库，交通运输部门吊装搬运钢板、钢锭等磁性物体。

Our permanent magnetic lifter has strong magnetic path produced by NdFeB magnet. On and off the magnetic path is controlled by turning the manual handle. The lifters have the features of strong attraction, smaller volume, lighter weight, powerful lifting effort, easy and safe to operate, long-period effort and without power supply. They are been used to lift and transport the steel and iron for factories, docks, ware houses, transportation etc. According to customer's different requirements, we manufacture five series permanent magnet lifters.

产品编号 Product Re-order No.: SS/NM/PL

SS/NBC/NF



钕铁硼磁铁  
Nd-Fe-B magnets

我公司专业供应钕铁硼（NdFeB）和磁性材料。我们可以提供您所需要的，各种相关的原料和成品。

Our SINOSI GROUP can supply neodymium (NdFeB) and ceramic magnets professionally, and we can also provide customer the interrelated raw material and the finished product.

产品编号 Product Re-order No.: SS/NBC/NF

SS/NBC/TC



典型的磁铁  
Typical Ceramic Material

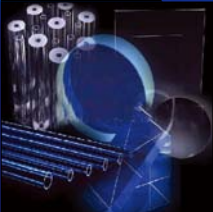
规格 Types:

牌号 Grade	剩磁 Br	磁感矫顽力 Hc	内禀矫顽力 iHc	最大磁能积 BH (max)	密度	工作温度
	Gauss	Oersteds	Oersteds	MGoe	g/cm3	oC
Ceramic 1	2300	1860	3250	1.05	4.8	450
Ceramic 5	3800	2400	2500	3.4	4.8	450
Ceramic 8	3850	2950	3050	3.5	4.8	450
Ceramic10	3850	3100	3300	> 3.5	4.8	450

产品编号 Product Re-order No.: SS/NBC/TC

光学制品和配件 Optical products and accessories

SS/OS/OW



光学视窗  
Optic Window

品名: IR, UV 等  
直径: 5-100mm  
厚度: 0.2-5mm 也可根据客户要求生产各种厚度、直径、形状的光学窗口。

Type: IR, UV, Borosilicate, Sapphire etc.  
Dia. 5-100mm  
Thickness: 0.2-5mm  
Different or special types and size as per user's demands

产品编号 Product Re-order No.: SS/OS/OW

SS/OS/WP



波片  
Wave Plate

可根据客户要求生产各种型号的光学波片。

Main Spec.  
Central Wavelength: 500-1500 nm  
Min. peak transmission: 70-95%  
Different or special types and size as per user's demands

产品编号 Product Re-order No.: SS/OS/WP

SS/OS/OL



光学透镜  
Optic Lens

直径: 5-200mm  
厚度: 0.2-50mm 可根据客户要求生产各种型号的光学透镜。

Dia. 5-200mm  
Thickness: 0.2-50mm  
Different or special types and size as per user's demands

产品编号 Product Re-order No.: SS/OS/OL



## 光伏硅原料 Photovoltaic Silicon

SS/MS/MI



### 单晶硅棒

#### Monocrystalline Silicon Ingot

型号: N 或 P

掺杂剂: 磷或硼

晶向:  $\langle 111 \rangle$ 、 $\langle 100 \rangle$ 、 $\langle 110 \rangle$

直径范围:  $\phi 1.5'' - \phi 12''$

电阻率范围:  $0.5 - 3 - 80 \Omega \cdot \text{cm}$  可按客户要求  
进行分档。

断面电阻率不均匀率: 无

少子寿命:  $\geq 10 \mu\text{s}$

注: 其它规格如氧、碳含量, 微缺陷等与客户面议。

Type/Dopant: P/Boron; N/phosphorus

Orientation:  $\langle 100 \rangle$ 、 $\langle 111 \rangle$ 、 $\langle 110 \rangle$

Diameter:  $1.5'' - 12''$

Resistivity:  $0.5 - 3 - 80 \Omega \cdot \text{cm}$

Radial resistivity variation: No

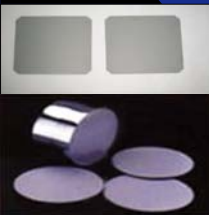
Minority carrier Lifetime:  $\geq 10 \mu\text{s}$

Defect: None

Note: other specification depends on the  
customers' requirement

产品编号 Product Re-order No.: SS/MS/MI

SS/MS/MW



### 单晶硅片

#### Monocrystalline Silicon Wafer

型号: N 或 P

掺杂剂: 磷或硼

晶向:  $\langle 111 \rangle$ 、 $\langle 100 \rangle$ 、 $\langle 110 \rangle$

直径范围:  $\phi 1.5'' - \phi 12''$

厚度:  $200 - 240 \mu\text{m}$

电阻率范围:  $0.5 - 3 - 80 \Omega \cdot \text{cm}$  可按客户要求  
进行分档。

少子寿命:  $\geq 10 \mu\text{s}$

注: 其它规格如氧、碳含量, 微缺陷等与客户面议。

Type/Dopant: P/Boron; N/phosphorus

Orientation:  $\langle 100 \rangle$ 、 $\langle 111 \rangle$ 、 $\langle 110 \rangle$

Diameter:  $1.5'' - 12''$

Thickness:  $200 - 240 \mu\text{m}$

Resistivity:  $0.5 - 3 - 80 \Omega \cdot \text{cm}$

Minority carrier Lifetime:  $\geq 10 \mu\text{s}$

Note: other specification depends on the  
customers' requirement

产品编号 Product Re-order No.: SS/MS/MW

SS/MS/MC



### 单晶硅碎片

#### Monocrystalline Silicon Broken wafer (chips)

型号: N 或 P

掺杂剂: 磷或硼

直径范围:  $\phi 1.5'' - \phi 12''$

厚度:  $200 - 240 \mu\text{m}$

电阻率范围: 大于  $0.5 \Omega \cdot \text{cm}$

注: 其它规格如破碎度等与客户面议

Type/Dopant: P/Boron; N/phosphorus

Diameter:  $1.5'' - 12''$

Thickness:  $200 - 240 \mu\text{m}$

Resistivity:  $0.5 \Omega \cdot \text{cm min}$

Note: other specification depends on the  
customers' requirement

产品编号 Product Re-order No.: SS/MS/MC

SS/PS/PC



### 多晶硅碎

#### Polycrystalline Silicon Chunk

型号: N 或 P

掺杂剂: 磷或硼

纯度: 4N, 5N,

电阻率范围: 大于  $0.5 \Omega \cdot \text{cm}$ .

粒度:  $2 - 150 \text{ mm}$

包装: 30KG 塑料箱

Type/Dopant: P/Boron; N/phosphorus

PURITY: 4N, 5N

RESISTIVITY:  $0.5 \Omega \cdot \text{cm min}$

SIZE:  $2 - 150 \text{ mm}$

PACKING: 30KG PLASTICS BOX

产品编号 Product Re-order No.: SS/PS/PC

SS/PS/PI



### 多晶硅原料

#### Polycrystalline Silicon Ingot

型号: N 或 P

掺杂剂: 磷或硼

纯度: 6N, 7N

电阻率范围: 大于  $0.5 \Omega \cdot \text{cm}$ .

粒度:  $2 - 150 \text{ mm}$

Type/Dopant: P/Boron; N/phosphorus

PURITY: 6N, 7N

RESISTIVITY:  $0.5 \Omega \cdot \text{cm min}$

SIZE:  $2 - 150 \text{ mm}$

产品编号 Product Re-order No.: SS/PS/PI

SS/PS/PW



### 多晶硅片

#### Polycrystalline Silicon Wafer

型号: N 或 P

直径范围:  $\phi 1.5'' - \phi 12''$

电阻率范围:  $0.5 - 3 \Omega \cdot \text{cm}$

注: 其它规格如氧、碳含量, 微缺陷等与客户面议。

Type/Dopant: P/Boron; N/phosphorus

Diameter:  $1.5'' - 12''$

Thickness:  $200 - 300 \mu\text{m}$

Resistivity:  $0.5 - 3 \Omega \cdot \text{cm}$

Minority carrier Lifetime:  $\geq 5 \mu\text{s}$

Note: other specification depends on the  
customers' requirement

产品编号 Product Re-order No.: SS/PS/PW



## 材料类 Material

SS/PV/EF-1



### EVA 光伏胶膜 (快速) EVA Film for Solar Cell Encapsulation (EF)

厚度: 0.10-1.0mm, 标准厚度为 0.5mm  
宽度: 350、540、670、810、820、980、1000、最大到 1650mm  
包装: 卷 / 集装箱

Thickness: 0.1 to 1.0, 0.5mm is in standard  
Width: 350, 540, 670, 810, 820, 980, 1000, up to 1650mm  
Packing: roll in container

产品编号 Product Re-order  
No.: SS/PV/EF-1

SS/PV/BF-1



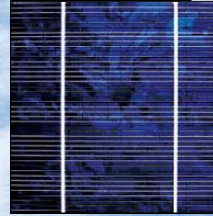
### TPT 太阳能电池背面膜 Background Film for Solar Cell Encapsulation (BF)

结构: TPT  
厚度 (mm): 0.18、0.23、0.35  
宽度 (mm): 1000  
包装: 卷 / 集装箱

Structure: TPT  
Thickness (mm): 0.18, 0.23, 0.35  
Width (mm): 1000  
Packing: roll in container

产品编号 Product Re-order  
No.: SS/PV/BF-1

SS/PV/CM-1



### 单晶太阳能电池 Solar cell of monocrystalline silicon (CM)

规格:  $125 \times 125 \pm 0.5\text{mm}$   
对角线:  $150 \pm 1.0\text{mm}$   
硅片的厚度:  $220 \pm 20 \mu\text{m}$

Dimension:  $125 \times 125 \pm 0.5\text{mm}$   
Diagonal:  $150 \pm 1.0\text{mm}$  (round chamfers)  
Thickness-Si:  $220 \pm 20 \mu\text{m}$

产品编号 Product Re-order  
No.: SS/PV/CM-1

SS/PV/PG-1



### 光伏玻璃 PV glass (GL)

结构: 超白低铁  
厚度 (mm): 3.2、4.0、5.0  
长度 (mm): 2134 Max  
宽度 (mm): 1524 Max  
包装: 木箱 / 集装箱

Structure: super white with low iron  
Thickness (mm): 3.2, 4.0, 5.0  
length (mm): 2134 Max  
Width (mm): 1524 Max  
Packing: wooden case in container

产品编号 Product Re-order  
No.: SS/PV/PG-1

SS/PV/CP-1



### 多晶太阳能电池 Solar Cell of Polycrystalline Silicon (CP)

规格:  $156 \times 156 \pm 0.5\text{mm}$   
对角线:  $202 \pm 1.0\text{mm}$   
硅片的厚度:  $220 \pm 20 \mu\text{m}$

Dimension:  $156 \times 156 \pm 0.5\text{mm}$   
Diagonal:  $202 \pm 1.0\text{mm}$  (straight chamfers)  
Thickness-Si:  $220 \pm 20 \mu\text{m}$

产品编号 Product Re-order  
No.: SS/PV/CP-1

SS/PV/SR-1



### 光伏焊带 互联条 PV Soldering Ribbon (SR)

厚度 (mm): 0.1 - 0.2  
宽度 (mm): 0.8 - 2  
包装: 卷轴或盘卷 / 集装箱

Thickness (mm): 0.1 - 0.2  
Width (mm): 0.8 - 2  
Packing: reel or spool in container

产品编号 Product Re-order  
No.: SS/PV/SR-1



设备类 Equipment



**太阳能组件全自动层压机**  
Solar Module Laminator ( SL)

工作区尺寸 (宽 X 长 m): 1.8X3.2, 1.8X3.6, 2.2X3.4, 2.2X3.6, 2.2X4.5  
包装: 木箱 / 集装箱

Platen Size(W X Lm): 1.8X3.2, 1.8X3.6, 2.2X3.4, 2.2X3.6, 2.2X4.5  
Packing: wooden case in container

产品编号 Product Re-order  
No.: SS/PV/SL-2



**太阳能组件组框机**  
Framer for Solar Module (FM)

动力: 气压  
包装: 木箱 / 集装箱

power source: gas pressure  
Packing: wooden case in container

产品编号 Product Re-order  
No.:SS/PV/ FM -1



**玻璃清洗干燥机**  
Washer for glass with dryer (WD)

玻璃尺寸: 小于等于 2000×1500mm  
包装: 木箱 / 集装箱

glass size: 2000×1500mm or less  
packing: wooden case in container

产品编号 Product Re-order  
No.: SS/PV/WD-1

工具类 Instrument



**激光划片机**  
Laser Dicing machine (LM)

工作台 : 350 × 350mm  
包装: 木箱 / 集装箱

Table: 350 × 350mm  
Packing: wooden case in container

产品编号 Product Re-order  
No.: SS/PV/LM-1



**太阳能电池片分选机**  
Solar Cell Sorter (SC)

温度修正方式: 红外自动测试温度  
包装: 木箱 / 集装箱

temperature adjustment by: Infrared  
measurement  
Packing:wooden case in container

产品编号 Product Re-order  
No.: SS/PV/SC-2



**太阳能组件模拟器**  
Solar Module Simulator (SS)

温度修正方式: 红外自动测试温度  
包装: 木箱 / 集装箱

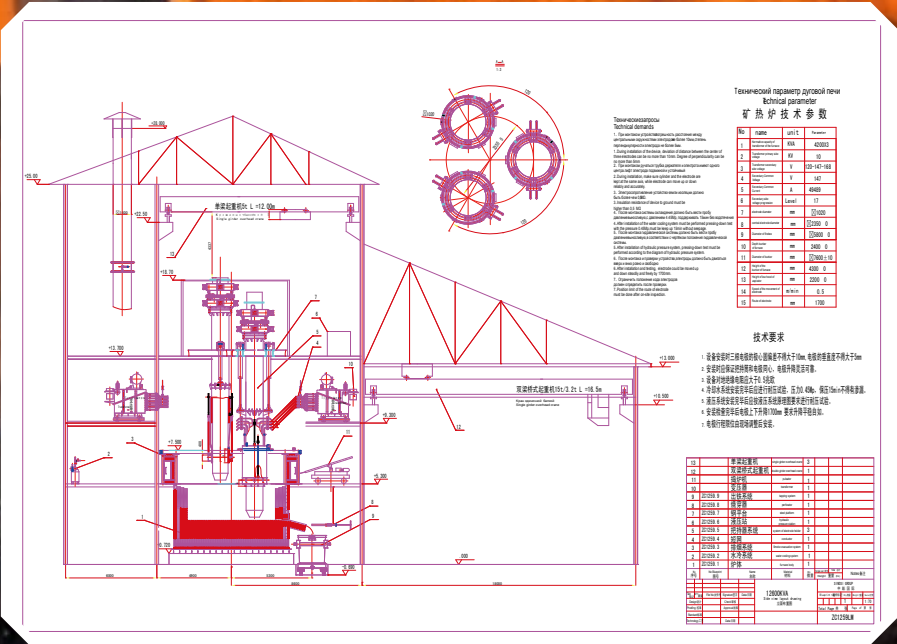
temperature adjustment by: Infrared  
measurement  
Packing: wooden case in container

产品编号 Product Re-order  
No.: SS/PV/SS -2



硅原料生产设备

Silica and silicon producing equipments



▲ 熔炼炉立面图  
Smelting furnace design



# 冶金设备——熔炼炉及其系统

## Smelting Furnace Stove and Related System

中彰国际（SINOSI）凭借成熟的技术工艺以及多年积累的业务经验和业务渠道，向国内、外市场提供技术可靠、工艺成熟、制造成本低廉的各种规格的电弧炉、埋弧炉、电热炉以及相关配套的环保设备和水、电控制系统，从而满足向国内外用户提供优良的硅原料，如金属硅冶炼炉，硅铁炉，硅锰炉，轧钢炉等。

We now are supplying the electric arc furnace, smelting stove, fume collection and environment protection system and related fittings for producing of the metallurgical alloys such as silicon metal, ferro silicon, aluminums and chrome alloys etc. in the metallurgical and steel industry. The main furnace and stove is including such as silicon metal furnace, ferrosilicon furnace, SiMn furnace, chrome furnace, steel smelting furnace, etc.



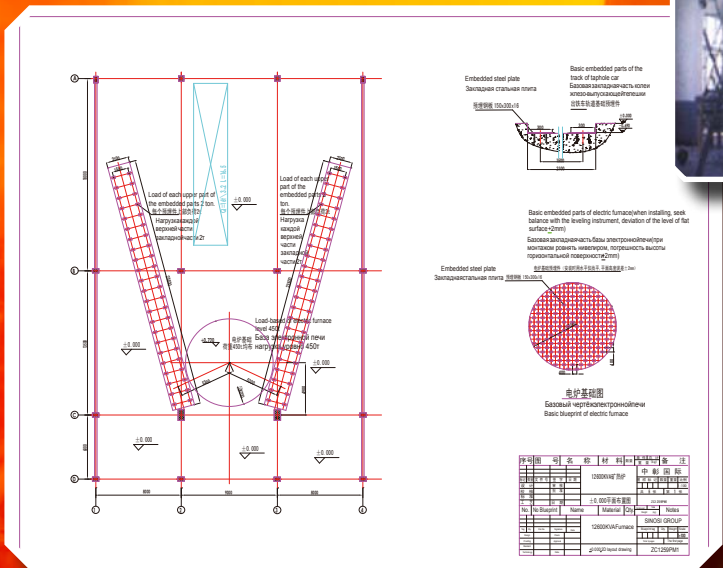
▲ 生产中的电热炉  
Smelting Furnace



▲ 金属硅生产厂外景  
The View of the Silicon Metal Plant



▲ 人工填料  
Feeding Materials



▲ 熔炼炉平面图  
Smelting furnace layout



▲ 建造中的炉壳  
Building of the furnace shell

▲ 液压控制系统  
Hydraulic Controlling System



▲ 电极系统  
Electrode Controlling System





## 太阳能级单晶硅炉

### Solar grade mono crystalline Silicon producing furnace

系列太阳能硅单晶炉，是在惰性气体环境中，用石墨电阻加热器加热，使用硅多晶材料，用直拉法生长无错位单晶的设备。他可生产太阳能电池所需要的高质量单晶硅。用这种单晶炉能使用18"-20"英寸的石英坩埚，投料60-80kg，拉制6-8英寸的单晶，本设备依据等效微重力晶体生长理论设备，可配装各种电或永磁场拉晶。

SINOSI now is supplying the furnace for producing of mono-crystalline silicon by using of polycrystalline silicon materials through growing the non-dislocation unit crystal with straight way by the graphite resistor heater for heating in the idle spirit body environment. It may produce the high grade solar and IC grade mono-crystalline silicon which can be well used in the solar cell, photovoltaic and IC industry. This kind of furnace can use 18" -20" inch quartz crucibles with the materials 60-80kg, drawing 6-8 inches silicon ingot. This equipment is designed based on equivalent microgravity crystal growth theory, may install each kind of electricity or the permanent magnetic field, achieving the magnetic field crystal pulling.



## 高纯硅提纯炉、真空铸锭炉(DSS)以及高温高真空气相除杂设备

### ——太阳能级UMG硅料生产设备和工艺

### Purifying, Vacuum directional solidification casting system (DSS) and processing equipment

### ——Solar grade UMG silicon producing technique and equipment

由中彰国际联合研发的物理法生产太阳能级多晶硅（UMG硅料）的高纯硅提纯炉、真空铸锭炉以及高温高真空气相除杂设备和工艺是将2N的金属硅经过冶炼提纯、化学提纯、造渣提纯、定向凝固、单向结晶等提纯工艺，实现具有高纯度（5-6N）、高电阻率、低磷（P）低硼（B）的太阳能级的多晶硅。设备具有自动控温、快速升温冷却、快速升降取锭、超压保护等功能。同时设有操作平台方便操作及维护。

SINOSI has own exclusive know-how and intellectual property rights for this purifying technique and related equipments for producing of solar grade UMG(5-6N) silicon materials which can be widely used for producing solar grade brick and wafer. The main equipments are including:

- Slag-making and purifying stove
- High Vacuum Casting Stove
- High-temperature and high-vacuum gaseous phase impurity-moving equipments
- Environment protection system
- Slag-making and purifying stove
- High Vacuum Casting Stove
- High-temperature and high-vacuum gaseous phase impurity-moving equipments
- Environment protection system



## 环保设备——矿热炉除尘回收系统

### Silica fume collection with Environment protection system

中彰国际（SINOSI）在借鉴并吸取了国内、外先进技术和成功经验的同时，专门为铁合金、工业硅等矿热电炉推出了以除尘、降污染为主要目的的除尘器系统。该系统具有高效、可靠、经济、实用的特点。多年的国内、外市场经验使得我们的工程师和专家队伍在设计，建造，技能培训以及冶炼工艺等方面变得十分娴熟。在各种冶炼炉的设计制造过程中，我们会同时提供完整、系统、先进的环保建议以及依照这些建议而设计并提供的相关设备和系统，一方面确保整个工程的无污染性并在此基础上贯彻绿色节能理念，另一方面则通过该系统回收更多有价值的副产品从而为企业或投资人创造更多的附加价值。

With years of experiences, SINOSI engineers and experts owns skilled knowledge and operations on design, construction, technology training and smelting. At the same time, we equipped the furnace with complete and first class environmental protection system such as silica fume collection and density processing system, which on one hand make our project unpoluted, and on the other hand could collect useful and valuable by-products.



▲ 加密系统  
Density System



◀ 环保系统总览  
View of Environment Protection System (EPS)



▲ 除尘系统  
Silica Fume Collection System



▶ 建设中的环保系统  
EPS on Construction



## 矿产品及化工原料

Mineral and chemical materials





## 天然及合成云母系列 Natural & Synthetic Mica Series

SS/MM/MP



### 天然云母粉 Natural Mica Powder

规格: 合成白云母粉、合成金云母粉  
粒度: 10-1200目  
包装: 各种载量的编制袋、纸袋  
年产量: 5,000吨/年

Size: 10-1200mesh  
Packing: All kinds carrying capacity of PP bag or paper bag  
Capacity: 5,000MT/year

产品编号 Product Re-order No.: SS/MM/MP

SS/SM/PP



### 合成云母粉 Synthetic Mica Powder

规格: 合成白云母粉、合成金云母粉  
粒度: 10-1200目  
包装: 各种载量的编制袋、纸袋  
年产量: 5,000吨/年

Size: 10-1200mesh  
Packing: All kinds carrying capacity of PP bag or paper bag  
Capacity: 5,000MT/year

产品编号 Product Re-order No.: SS/SM/PP

SS/SM/MP



### 合成云母片 Synthetic Mica Patch

粒度: 0-80mm  
包装: 各种编制袋纸袋、纸箱等  
产量: 5,000吨/年

Size: 0-80mm  
Packing: All kinds carrying capacity of PP bag or paper bag  
Capacity: 5,000MT/year  
Spec.: Dia. 2-20mm

产品编号 Product Re-order No.: SS/SM/MP

SS/SM/MC



### 合成云母碎 Synthetic Mica Scrap

粒度: 0-80mm  
外观: 半透明、透明、白色的片状  
包装: 各种编制袋纸袋、纸箱等  
年产量: 5,000吨/年

Size: 0-80mm  
Packing: All kinds carrying capacity of PP bag or paper bag  
Capacity: 5,000MT/year

产品编号 Product Re-order No.: SS/SM/MC

SS/SM/STP



### 合成云母带、纸 Synthetic Mica Tape & Paper

规格: 根据客户要求而切割成纸状和带状, 带状可根据客户要求而加工卷。  
包装: 纸箱或其他  
产量: 500,000平方米/年

Spec.: According to the customers requirements tomade to paper and tape. Tape can made be circle.  
Packing: Case or others  
Capacity: 500,000 sq.m./year

产品编号 Product Re-order No.: SS/SM/STP

SS/SM/MP



### 合成云母制品 Synthetic Mica Products

规格: 云母管、云母棒、云母垫片、云母电熔器  
包装: 纸箱或其他

Spec.: Mica tube, Mica Rod, Mica gasket, Mica capacitor  
Packing: case or cartons

产品编号 Product Re-order No.: SS/SM/MP

SS/MM/ID



### 印度云母系列 Indian Natural Mica Series

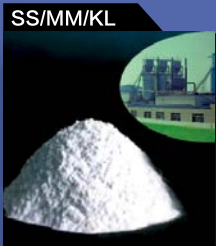
中彰国际 (SINOSI) 与印度多家云母公司建立合作关系, 我们主要经营的印度云母产品有: 彩色云母、天然云母碎、天然云母片、云母片、云母电容器、及其他云母制品。

SinoSi to be as an Exclusive Agent of some Indian Mica Suppliers, sales Mica materials and related products which includes natural mica lumps, mica powder, colour mica, mica patch, mica capacitor and so on.

产品编号 Product Re-order No.: SS/MM/ID



非金属矿产品原料 Non-Ferro Mineral Materials



高岭土  
Kaolin Clay

规格：天然(水洗)高岭土、煅烧高岭土  
粒度：0-4000目  
包装：25kg编制袋或纸袋  
年产量：50,000吨/年

Spec.: Natural Kaolin Clay and Calcined Kaolin Clay  
Size: 0-4000 mesh  
Packing: 25KG PP bag or Paper bag  
Capacity: 50,000MT/year

产品编号 Product Re-order No.: SS/MM/KL



重晶石  
Barites Lumps/ Powder

规格：BaSO<sub>4</sub>>95%-98%  
应用领域：涂料、油漆、塑料、橡胶、医药、造纸、油田等  
外观：白色 产量：100,000吨/年

Spec.: BaSO<sub>4</sub>>95%-98% Industry, Rubber Industry, Pharmaceutical Industry, Paper-Making Industry, Cosmetics Industry  
Capacity: 100,000MT/year

产品编号 Product Re-order No.: SS/MM/BP



滑石块/粉  
China Talc

白度：93-97%  
应用：医药、食品、化妆品、涂料、油漆、橡胶、塑料、电缆、陶瓷、造纸等  
包装：各种载量编制袋和纸袋  
产量：80,000吨/年

Application: Pharmaceutical, Food, Cosmetics, Painting, Rubber, Plastics, Cable, ceramic, and paper industry.  
Packing: As per user's demands  
Capacity: 80,000MT/year

产品编号 Product Re-order No.: SS/MM/TP



钾钠长石  
K-Na Feldspar

规格：K+Na: 9-15%  
粒度：0-325目  
包装：各种编制袋纸袋或吨袋  
年产量：20,000吨/年

Spec.: K+Na: 9-15%  
Size: 0-325 mesh  
Packing: All kinds of P.P bag paper bag or Jumbo bag  
Capacity: 20,000MT/year

产品编号 Product Re-order No.: SS/MM/FS

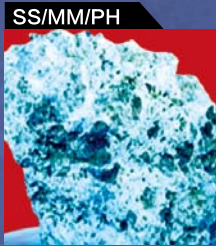


碳酸镁  
Magnesium Carbonate

纯度：MgO: 41%min  
包装：20KG/袋；

Purity: MgO: 41%min  
Packing: 20KG per bag;

产品编号 Product Re-order No.: SS/FS/MC



磷矿石  
Rock Phosphorite

规格：P<sub>2</sub>O<sub>5</sub>:28-45%  
粒度：根据客户要求加工  
包装：散装或吨袋  
产量：200,000吨/年

Spec.: P<sub>2</sub>O<sub>5</sub> 28-45%  
Size: According to Customer's demands  
Packing: bulk in condition or Jumbo bag  
Capacity: 200,000MT/year

产品编号 Product Re-order No.: SS/MM/PH



# 碳酸钙系列产品 Calcium Carbonate



**重质活性碳酸钙**  
Large Activated Calcium

指标:  $\text{CaCO}_3$ : 96.0%  
白度: 94#, 93#, 92#, 91#  
包装: 25公斤/袋 或根据客户要求

Spec.:  $\text{CaCO}_3$ : 96.0%  
Whiteness: 94#, 93#, 92#, 91#  
Packing: 25kg/bag or according to our customer's demands

产品编号 Product Re-order No.: SS/MM/LC



**重质碳酸钙**  
Large Calcium Carbonate

指标:  $\text{CaCO}_3$ : 95.0%  
粒度: 600目、800目、1200目  
包装: 25公斤/袋 或根据客户要求

Spec.:  $\text{CaCO}_3$ : 95.0%  
Size: 600mesh, 800mesh, 1200mesh  
Packing: 25kg/bag or according to our customer's demands

产品编号 Product Re-order No.: SS/MM/LC

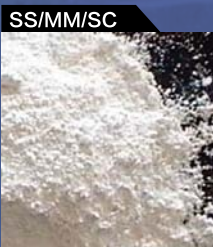


**纳米级碳酸钙物**  
Nano-Calcium Carbonate

规格:  $\text{CaCO}_3$ : 98.0%以上  
白度: 97%以上 包装: 25公斤/袋 或根据客户要求  
产品晶形以立方体、链状为主, 亦可根据用户不同需求生产片状、针状、椭球形等, 以满足在造纸、涂料、油墨、橡胶、塑料等方面的需要。

Spec.:  $\text{CaCO}_3$ : 98.0% (min)  
Whiteness: 97%(min)  
Packing: 25kg/bag or according to our customer's demands  
The main crystals of our productions are cube and chain, and we can produce other crystals, such as slice, needle, and globosity and so on, to satisfy the users which in the fields of Paper, Coating, Paint, Plastics and other.

产品编号 Product Re-order No.: SS/MM/NC



**超细活性碳酸钙**  
Super-Fine Activated Calcium Carbonate

规格:  $\text{CaCO}_3$  (以干基计): 96.0%  
晶型: 针状、球状、锁链状  
包装: 25公斤/袋 或根据客户要求

Spec.:  $\text{CaCO}_3$  (based on dry material): 96.0%  
Crystal form: Needle, Ball, Chain  
Packing: 25kg/bag or according to our customer's demands

产品编号 Product Re-order No.: SS/MM/SC



**微细活性碳酸钙**  
Ultra-Fine Activated Calcium Carbonate

规格:  $\text{CaCO}_3$ : 96.0%  
活化率: 96%以上  
包装: 25公斤/袋 或根据客户要求

Spec.:  $\text{CaCO}_3$ : 96.0%  
Rate of activation: 96% (min)  
Packing: 25kg/bag or according to our customer's demands

产品编号 Product Re-order No.: SS/MM/UC



**工业沉淀碳酸钙 (轻质)**  
Precipitated Calcium Carbonate

规格:  $\text{CaCO}_3$ : 97.0%-98.0%  
沉降体积(ml/g): 2.4-2.8  
包装: 25公斤/袋 或根据客户要求

Spec.:  $\text{CaCO}_3$ : 97.0%-98.0%  
Precipitated volume (ml/g): 2.4-2.8  
Packing: 25kg/bag or according to our customer's demands

产品编号 Product Re-order No.: SS/MM/PC



铁矿砂、铬矿、镍矿、锰矿等  
Iron Ore, Chrome Ore, Nickel Ore and Manganese Ore

中彰国际（SINOSI）依托于原中国地质矿产部（现为国土资源部）的支持，与巴西、澳大利亚、印度、土耳其、南非、利比亚、秘鲁、巴基斯坦、菲律宾、印度尼西亚、苏丹、刚果、哈萨克斯坦、俄罗斯等铁矿砂、锰矿砂、铬矿砂企业保持着良好的业务合作关系，并将这些优质的矿产品原料引入中国市场，服务于中国的钢铁和制造工业。

With the fundamental supports from the former Ministry of Geology and Mineral Resources of P. R. China (now is the Ministry of Land and Resources, P. R. China), SINOSI has already built a great professional relationship with some mine owners and organizations from Brazil, Australia, India, Turkey, South Africa, Libya, Peru, Pakistan, Philippines, Indonesia, Kazakhstan, Russia etc. for import and supplying of Iron ore fines, chrome ore, manganese ore, nickel ore and other mineral materials as our tribute to the steel industry in China market.



铁矿砂 Iron Ore

巴西铁矿砂主要技术指标：  
Chemical Composition:

Fe	64.5% Min, Rejection below: 63%
Al2O3	2% Max
SiO2	3%-5% Max
P	0.06% Max
S	0.003 % Max
Mn	0.10% Max
Moisture	8% Max at 105 degrees Centigrade
Size	+10mm: 5% Max
+1 mm	80% Min
- 0.15mm	10 % Max



锰 矿 Manganese Ore

巴西锰矿砂、粉主要技术指标:  
Brazil Manganese Ore Specifications

Item	Expected(%)	Guaranteed(%)
Mn	45.8	44.0min
Fe	3.2	4.0max
Al2O3	7.6	8.5max
SiO2	4.7	5.5max
P	0.05	0.06max
BaO	2.0	3.0max
LOI	11	
Moisture	8.0	



铬 矿 Chrome Ore

土耳其铬矿砂主要技术指标:  
Chemical components:

Cr2O3	48 % min	47 % min
SiO2	6 % max	6 % max
Cr:Fe Ratio	2.9:1 min	2.7:1 min
Al2O3	12 % max	12 % max
MgO	18 % max	18 % max
FeO	13 % max	13 % max
S	0.004 % max	0.004 % max
P	0.005 % max	0.005 % max
Size	0 - 6 mm	





# 石油、化工产品

## Petroleum and energy products



### 基础油 Base Oil

中彰石化目前经营的基础油主要包括俄罗斯、德国、哈萨克斯坦、美国、委内瑞拉、印度尼西亚、韩国、泰国、阿联酋、印度、台湾以及中国大陆生产的SN-150, SN-300, SN-400, SN-500以及BS等产品。

Various products of SN-150, SN-300, SN-400, SN500 as well as BS products from Russia, Germany, USA, Venezuela, Indonesia, Korea, Thailand, UAE, India, Taiwan and domestic production and so on.

### 燃料油 Fuel Oil

中彰石化目前经营的燃料油主要包括：低硫（0.5%及以下）、中硫（0.5-2%）、高硫（2%及以上）燃料油。产地主要来自于委内瑞拉、俄罗斯、韩国、泰国、德国以及阿联酋等国家和地区。用户主要为国内炼厂和电厂以及化工企业。

Mainly fuel oil including: low-sulfur, middle-sulfur, high-sulfur fuel oil products. The main end-users are domestic refineries and power stations.



### 原油 Crude Oil

中彰石化目前经营的原油主要包括：委内瑞拉的MESA BLEND，尼日利亚的BONNY LIGHT，安哥拉的CARBINDA，阿联酋的SAUDI LIGHT等。

The main crude oil products are including: Mesa Blend from Venezuela, Bonny Light from Nigeria, Carbinda from Angola, Saudi Light from UAE and so on.









## 荣耀客户



## 1960年创始

- 美国汽车蜡公司Auto Wax Company, Inc. (AWC) 是唯一最早期承诺为用户生产最完整全面清洗汽车、上光用品的公司。公司将为汽车售后服务提供最好的产品满足于客户。
- 汽车生产厂家的赞同
- 福特、丰田厂将遵照Auto Magic公司的规定使用Auto Magic产品。
- 其他厂家通用、奔驰、克莱斯勒、铃木和现代厂家介绍他们的代理商和经销商使用Auto Magic产品。

For 50 years, Auto Wax Company (AWC) has supplied the automotive aftermarket with consistent, premium quality products. AWC manufactures and distributes over 120 professional products including Auto Magic, Body Magic, and Clay Magic divisions. AWC is owned by Illinois Tool Works Inc. (ITW), a fortune 200 diversified manufacturing company with more than 90 years of history. AWC is focused on creating value-added products and innovative customer solutions.











## 产品远销世界

Auto Magic汽车魔术，在美国、欧洲、中东、亚洲都是具有国际竞争力的产品。其专利产品Body Magic车身魔术，用于修理厂；使用Clay Magic克萊魔力，是汽车美容师专业的体现。

## Mission Statement:

With respect for the environment, AWC employees and distributors seek to provide the finest products for the reconditioning industry, and build strong relationships with their customers.











# PROFESSIONAL CAR BEAUTY

## 公司的创立 Foundation of BAF Industries

1935年，杰克·W·福德（Jack W·Burford）创立了BAF工业公司（下称BAF公司）。PRO是BAF工业公司推出的最专业的部门和产品，BAF公司总部设在加利福尼亚的圣塔安娜，并在佛罗伦萨，肯塔基均有工厂。

BAF Industries was founded in 1935 by Jack W·Burford. PRO is the professional division of BAF Industries, headquartered in Santa Ana, California with another facility in Florence, Kentucky.

## PRO产品及销售 PRO Products and Sales

BAF公司在全球拥有300多家专业的经销商，遍及美国，加拿大，墨西哥，加勒比地区，中东地区，欧洲和太平洋沿岸，是全球本行业内最大的制造商。70多年来，BAF公司制造并销售PRO产品给汽车销售商，配件销售商，汽车美容店，汽车拍卖行和汽车修理厂，BAF公司不同于其它产品生产商，BAF所有的产品都是自己制造的，作为行业的领军人物我们用自己的设备制造蜡，抛光剂，研磨剂，清洗剂，上光剂与系列产品。

With over 300 professional distributors throughout the United States, Canada, Mexico, Caribbean, Middle East, Europe and the Pacific Rim, BAF Industries has become one of the largest manufacturers in the industry. For more than 70 years, BAF Industries has been manufacturing and distributing PRO Products to automotive dealerships, detail shops, car washes, auto auctions and body shops. Unlike other automotive appearance product companies, BAF Industries manufactures all of our own products. A leader in the industry, we are the only company of its kind that makes waxes, polishes, compounds, paints, cleaners, buffing pads and paste waxes in our own facilities.





## PRO产品在中国 PRO Products and its professional service in China

中彰石化有限公司/中彰众邦经贸有限公司（以下简称中彰公司）作为美国BAF工业公司PRO产品的大中华区总代理，自2009年开始向中国大陆市场提供PRO产品以及相关技术培训和服务。

Sinosi Oil & Chemical Ltd. (hereinafter referred to as SINOSI), a member of Sinosi Group, is authorized as the representative for providing of the PRO Products and related training, service and maintenance in the Great China Region market since 2009.

通过建立经销商服务网络并向他们提供专业的技术服务支持，是我们在该领域提供的专业服务中的很小一部分。当您一旦开始选用PRO产品，您就会立刻得到相关的服务和保障，因为我们提供的所有产品都将严格按照美国联邦政府的有关规定以及安全包装要求进行生产和销售的。美国BAF公司将严格按照其发布的《产品安全性能指标（MSDS）》的规定履行其产品责任保险。PRO产品的可靠性以及稳定性已经通过BAF公司的多项实验数据以及实际销售业绩得到证实。您可以轻松得到长期稳定的产品质量保证。

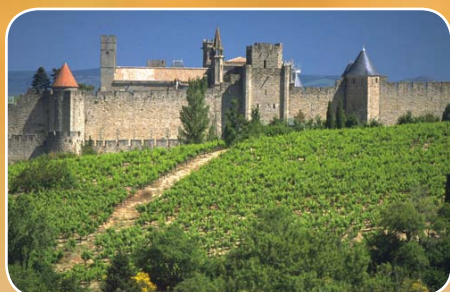
Service to the industry with China wide distribution, is only a small part of what we offer the professional in the field. When you purchase PRO Products, you receive instant protection because everything we offer conforms to U.S. Federal and Safety Packaging Specifications. BAF also supports each of its PRO Distributors with Material Safety Data Sheets (MSDS), product bulletins and product liability insurance. Reliability in PRO Products has been around as long as BAF Industries. You know you can always count on consistent quality.

中彰公司目前已经在北京建立了技术服务中心，在北京和天津设立长期的仓储和物流服务，从而保证及时向中国用户和经销商提供专业的产品和服务。

SINOSI has now established a Technical and Training Center (TTC) in Beijing, China and provide the COD goods service in Beijing, Tianjin etc. of China.







## 法国系列葡萄酒

### Series wines from France



北京中彰国贸贸易有限公司（SINOSI）自2006年被法国地中海佳酿葡萄酒公司授权，成为法国南部朗格多克-鲁西荣（Languedoc/Roussillon）地区地中海佳酿系列葡萄酒中国市场总代理和总经销商以来，现已成为中国市场上高、中档法国葡萄酒的主要供应商之一，用户覆盖了近30个省、市和地区。

“地中海佳酿”源自于一个美丽时尚而又浪漫的国度—法兰西。她呈现给您的是尊贵与健康、浪漫与品位、温馨与智慧、坚韧与成功。

奥特歌尔城堡、阿涅斯奥克庄园、勒内城堡，这些沐浴在地中海阳光下有着数百年种植优质葡萄和酿造法国法定名贵优质葡萄酒历史的酒庄，处处洋溢着葡萄酒的果香。

我们遵循“诚信、求实、创新、奉献”的企业宗旨，立足北京，放眼全国。通过树立品牌信誉，卓越的品质，良好的服务以及适合自身企业发展的营销管理模式。把“地中海佳酿”系列优质葡萄酒送到我们的朋友们手上。



Sinosi International Trading Co., Ltd. a member of Sinosi Group, is authorized as the exclusive agent and distributor in China for the Les Crus De brand wines by GIE ACCL from Languedoc-Roussillon of France. Now the Les Crus De brand become one of the most important brands in the import wines business field in China market.













## 硅业在线 [www.windosi.com](http://www.windosi.com)

全球硅行业门户，全球硅产品分类缔造者，打造硅行业最具产业价值供应链

The gateway for global silicon industry, the maker of global silicon Classification.  
Building the most valuable silicon industrial service chain in the world!

### 硅业在线 [www.windosi.com](http://www.windosi.com) —— 背景

硅元素是人类所能感知的空间中最丰富的元素之一，在宇宙中含量第七，在地壳中含量第二。自从人类诞生至今，“硅”的应用越来越广泛，硅行业所囊括的范围也越来越大。从远古的石器时代、青铜器、铁器时代到现今的电子时代，人类将硅质材料的应用范围由基本的建筑材料扩大到冶金、化工、陶瓷工艺、半导体、太阳能、电磁等各个领域。如今，以硅为原料所创造的产值已远超过了以钢为原料的产值，由此人类的历史进入了一个新的时代，即“硅”时代。从石头到硅晶片、半导体的过程，可以说是人类在二十世纪创造的最伟大的奇迹之一，是真正意义上的“点石成金”。

进入二十一世纪，“网络”成为了社会新经济的“三剑客”之一（网络、纳米、基因）。“新世纪”网络把传统的语音、数据和视频传输合而为一。电子商务将成为主流的商务模式，广播、电视、报刊、和互联网四类媒体走向融合。为了及时了解、掌握硅业市场的发展趋势和动态，避免由信息闭塞造成的市场混乱和非良性发展，形成完整的产业链，中彰国际集团凭借在硅工业领域多年的实践摸索和理论研究经验，携手众多权威组织和专家，利用强大 IT 技术优势，于 2005 年开发出集行业研究、网络传媒、电子贸易于一体的商务平台——中国硅业在线（[www.windosi.com](http://www.windosi.com)）。

### “WINDOSI”[www.windosi.com](http://www.windosi.com)——Background

The element of Silicon (symbol Si) is one of the most abundant elements known to mankind. It is the seventh most abundant element in the universe and it ranks second in terms of the makeup of the earth's crust by mass. Ever since the existence of mankind, the application of Silicon has been growing to include an ever spanning range of fields. From Stone Age, Bronze Age and Iron Age in the ancient times to today's digital era, mankind has extended the fields of application of Silicon and silicon materials to include metallurgy, chemicals, ceramics engineering, semiconductor, photovoltaic, and electromagnetic industries. At the moment, the production value created from silicon-based materials has far exceeded the value created from steel-based materials. Mankind has truly entered another new era - the era of "Silicon". The step from rocks or ores to wafers and semiconductors is one of the most amazing miracles for

mankind in the 20th century.

Entering the 21st century, Internet has become one of the three musketeers (web, nanotechnology and genome) in terms of social economics. Internet of the new century integrates voice, data and video transmission. E-commerce will gradually enter the mainstream of business models while radio, television, print publications and Internet will blend and consolidate. For better understanding and more timely access to the trend and development in the silicon market and to add value to the industry value chain by providing a channel of obtaining the needed information, Sinosi Group, leveraging its many years of experience in the silicon industry and manpower of experts and well respected organizations, launched "WINDOSI" ([www.windosi.com](http://www.windosi.com)) in 2005. Through its IT advantage, "WINDOSI" is an integrated source of industry studies, Internet media, e-commerce platform and other applications.



### 硅业在线 [www.windosi.com](http://www.windosi.com) —— 简介

中国硅业在线网（[www.windosi.com](http://www.windosi.com)），简称“硅业在线”，是由中彰国际集团有限公司、中彰国际有限公司、北京赛诺硅业有限公司、中国市场学会博士工作站等单位共同发起创立的。本着立足专业、引导行业、服务产业的宗旨，以打造“全球硅行业门户”为目标，以服务全球硅业市场为己任，构建了以网络、音频、视频和平面为一体的全新、立体、现代电子商务和传媒平台。

硅业在线依托先进的市场营销理念、独特的网络平台和技术、专业的编辑和销售队伍，打造了中国现阶段硅行业的第一电子商务品牌。



## “WINDOSI”www.windosi.com——Introduction

“WINDOSI” (www.windosi.com) is jointly established by Sinosi Group, Sino Surplus International Limited, Sino Silica Beijing Company Limited, and China Marketing Association Doctorate Center. Striving to become the gateway platform of global silicon industry, “WINDOSI” has established e-commerce and media platform including Internet, radio and video interface.

## 硅业在线 www.windosi.com —— 数字

会员总数超 20 万  
年访问量超 300 万  
日平均独立 IP 数 3000 个以上  
网站 PR (Google PageRank) 为 5

## “WINDOSI”www.windosi.com——The Numbers

Members total exceeding 200,000  
Annual visits to the web site exceeding 3 million  
Daily unique IPs exceeding 3,000  
Web site PR (Google PageRank) is 5

## 硅业在线 www.windosi.com —— 定位

硅业在线的产品和服务主要包括三大版块：会员服务、传媒营销、线下服务。具体包括：

1、会员服务：主要通过硅业通、诚信通以及企业直通车等形式为企事业单位、科研院所、行业组织、政府部门以及专业人士打造了信息发布及查询、产品或项目推介以及业内交流等形式，依

托网络平台及先进的搜索技术，实现业内最大、最快的信息沟通 and 共享。

2、传媒营销：主要通过网络（硅业在线）、音频（说硅 SAY SI RADIO）、视频（网上路演）以及平面杂志《硅业资讯》等形式形成现代传媒的无缝对接，从而建立一个全新、专业的业内推介和展示平台。

3、线下服务：主要包括为会员单位优惠提供产品检测、仓储物流、进出口代理、项目融资担保等多种服务形式，在服务会员的同时，也为硅业在线打造了新的收益模式。同时，利用硅业在线的专业技术人员为会员提供整体的电子商务策划、设计以及相关产业的服务。此外，硅业在线还通过承办、协办一些业内的论坛、展览等形式在推动业内互动的同时，也为自己打造了新的收益模式。

总之，硅业在线的产品理念是以服务为基础，产品和业务均以服务为第一目标。服务也是 21 世纪最具朝阳产业的经营理念。

## “WINDOSI”www.windosi.com——Products & Services

“WINDOSI” offers 3 main sectors of products and services: member services, media marketing, and off-line services.

1. Member services: Mainly through Silicon Knowledge Center, Enterprise Credit Information Portal and Enterprise Through-train, “WINDOSI” offers channels for businesses, research institutes, industry associations, government agencies and other professionals to post and inquire information, to market





products and projects and to facilitate communication within the industry. By using our state of art web search technology, “WINDOSI” strives to provide the most efficient and rapid way of exchanging information within the industry.

2. Media marketing: Mainly through a modern and seamless media integration of the Internet (www.windosi.com), voice (SAY SI RADIO) and video (internet streaming video) as well as print publication of “The Info of Silica & Silicon”, products and projects are presented to the readers.

3. Offline services: Mainly including discounted services such as product evaluation, storage and logistics, import and export commissioning, project financing and guaranty services and so on for members. At the same time of providing value to members, “WINDOSI” has launched a new profit model. Meanwhile, the professional staff at “WINDOSI” will provide services including turnkey e-commerce planning, design and other related items. In addition, “WINDOSI” has been exploring other profit models such as undertaking and jointly holding industry forums and exhibitions.

In conclusion, the product concept of “WINDOSI” is to offer service as the foundation; products and sales are both based on the foundation.

## 硅业在线 www.windosi.com —— 团队

硅业在线项目从建设初期就建立了强有力的经营和管理团队。目前项目组全部为本科以上学历，其中具有研究生以上学历的占项目组的30%，拥有硅业业内工作经历或电子商务工作经历的占95%以上。该项目目前设置五个部门，其中三个业务部门，两个行政管理部，具体包括：

- 1、编辑部：主要负责网络、电台、路演以及杂志的日常编辑工作。
- 2、技术部：主要负责硅业在线的程序开发、美工设计、日常运维以及客户服务等工作。
- 3、销售部：市场调研、开发以及日常产品的销售和售后服务工作。
- 4、财务部：负责财务核算、费用支出以及帐目处置、税务申报等工作。
- 5、综合部：负责日常行政、人事等事务性工作。

## “WINDOSI”www.windosi.com—— The Team

Since the launch of the project, “WINDOSI” has had the chance to bring together a team with strong operation and management principles. Currently all members of the project hold bachelor degrees or above, of which 30% hold master degree or above. 95% of the staff has experience in the silicon industry business or e-commerce fields before joining the project. The project currently lists 5 departments of which 3 are sales departments, 2 are administrative departments as follows:

1. Editing department: mainly in charge of the editing work of the Internet, voice, video and print publication
2. Technical department: mainly in charge of programming, art design, daily operation and customer service of “WINDOSI”
3. Sales department: in charge of market research and development as well as pre-sales and after-sales servicers
4. Finance department: mainly in charge of accounts, expenses and tax filings
5. Administrative department: in charge of daily administrative issues and human resource

The screenshot displays the WINDOSI website interface. At the top, there's a navigation bar with links like 'Home', 'Products', 'Services', 'About Us', and 'Contact Us'. Below this, a large banner features the text '硅业在线' (Silicon Industry Online) and '打造全球首家网络硅业平台' (Building the world's first online silicon industry platform). The main content area is divided into several sections: '产品展示' (Product Display) with a list of products and their prices, '公司简介' (Company Introduction), '联系我们' (Contact Us), and '加入我们' (Join Us). The bottom section includes a '广告服务' (Advertising Service) area with various ad spots and a '联系我们' (Contact Us) section with a map and contact information.





# 硅业资讯

The info of silica & silicon

专注 专业 全面 权威

## 《硅业资讯》简介

《硅业资讯》杂志是由中国“硅业在线”网创办,《硅业资讯》编辑部承办的双月刊发行读物。《硅业资讯》是在中国“硅业在线”网的基础上,向更深层次打造的硅领域专业刊物,是集权威性、学术性、实用性为一体的面向全国发行的大型综合性硅领域专业期刊。《硅业资讯》设置的栏目主要包括特别报道、产业评述、专题报道、企业解析、专家访谈、管理交流、贸易心情、企业黄页等。《硅业资讯》为企业研发、生产、销售以及当地政府部门和产业政策研究人员提供了一个交流、沟通的平台和契机。自2006年创刊以来,《硅业资讯》一直被业界广泛关注,到目前为止《硅业资讯》已被权威学术类机构认定为“硅行业核心期刊”、“硅行业贸易经济类核心期刊”。《硅业资讯》正在为中国乃至世界硅业的发展和进步发挥着积极而富有成效的作用。

## Brief introduction

The Info of Silica & Silicon is a bimonthly magazine published by editorial office of China "Windosi". It is a professional magazine which is based on the Windosi and deeper dig into the silicon field, and also it is the complex of authoritative, academic, and practical. It is published to national wide in large-scale of silicon domain specialized periodical. The Info of Silica & Silicon establishes the column mainly includes reported specially, the industrial narration, the special coverage, the enterprise analyze, the expert interview, the management exchange, the trade mood, the enterprise yellow page and so on. The Info of Silica & Silicon offer the enterprise an exchange, the communication platform and the turning point for their research and development, the production, the sales and as well as the local government department and the industrial policy researchers. As begun publication since 2006, The Info of Silica & Silicon has been widely paid attention to in this field, so far The Info of Silica & Silicon Has been recognized by the authority academic kind of organization as "the silicon profession core journal", and "the silicon profession trade economy class core journal". The Info of Silica & Silicon is playing positive and the effective role for Chinese and even the world silicon's industry development and the progress.

## 《硅业资讯》发行

依托中国“硅业在线”网的强大客户群体,《硅业资讯》印刷版本的发行已经遍布全国,每期发行量为15,000本左右,电子版本的发行目前涵盖30余个国家和地区,涉及50,000个用户左右。伴随展览、会议以及业内论坛等活动,《硅业资讯》的专刊、特刊发行量也随之增加。发行渠道包括以下几个方面:

- 1) 《硅业资讯》客户名录数据库;
- 2) 中国“硅业在线”网会员数据库;
- 3) 国内、外专业展览、会议、论坛以及各种活动的派发;
- 4) 电子版杂志网络同步发行;
- 5) 政府部门、学术团体以及科研院所的派送。

## The Publishment

Depends on China "Windosi" net's formidable customer community, The Info of Silica & Silicon printed edition's release already proliferated the nation, each issue of quantity issued is about 15000, the electronic edition's release present including covers 30 country and the area, involves about 50,000 users. Follows the display, the conference as well as industry in activities and so on forum, The Info of Silica & Silicon the memoir, the special issue quantity issued also year by year increase. Distributes the channel including following several aspects:

- 1) The Info of Silica & Silicon customer name list database;





- 2) China "WINDOSI" net member database;
- 3) Domestic, outside specialized display, conference, forum as well as each kind of active distribution;
- 4) Electronic version magazine network synchronization release;
- 5) Government department, learned society as well as scientific research courtyard institute sending.

## 《硅业资讯》受阅群体

《硅业资讯》的受阅群体涵盖了国内以及海外二氧化硅 ( $\text{SiO}_2$ )、一氧化硅 ( $\text{SiO}$ ) 和纯硅 ( $\text{Si}$ ) 三大硅业领域, 涉及研发、生产、制造、销售、物流、贸易等多种行业, 主要包括:

硅原料生产、加工、制造企业;

各种硅制品生产、加工、制造企业;

各种硅原料、硅产品制造设备、检测仪器、测试工具等制造企业;

为硅原料、硅产品以及设备、仪器、工具等提供服务的物流公司;

各种硅原料、硅产品、硅设备、仪器、工具等服务和贸易公司;

各种硅业领域的科研院所、学术机构、团体以及专家、学者;

从事硅业研发、生产、销售等人员;

相关政府部门以及行业协会、学会等;

其他关心硅业领域的人士。

## Readers

The Info of Silica & Silicon was read by the community covering Chinese as well as the overseas silicon dioxide ( $\text{SiO}_2$ ), monoxide silicon ( $\text{SiO}$ ) and pure silicon ( $\text{Si}$ ) three big silicon industry domains, involved the research and development, the production, the manufacture, the sale, the physical distribution, the trade and so on many kinds of professions, mainly included:

Silicon material production, processing, manufacturing firms;

Kinds of silicon production, processing and manufacturing firms ;

Kinds of silicon raw material, silicon product manufacturing firms and so on service firms







for silicon equipment manufactures;  
Kinds of services and trading companies and so on of silicon raw material, silicon product, silicon equipment, instrument, tool;  
Kinds of silicon industry domain scientific research courtyard, academic organization, association as well as expert and scholar;  
Personnel and so on engaged in silicon industry research and development, production, sale;  
Government department as well as profession association, academic society and so on;  
Other care silicon industry domain public figure.

## 《硅业资讯》合作媒体

人民日报、光明日报、解放军报、科技日报、中央电视台、人民网、新华网、中国网、中国日报网、中国新闻网、国际在线、中国广播网、新浪网、搜狐网、阿里巴巴、和讯、慧聪、中国营销在线、化工网、钢铁网、卓创网、锰矿网、中国碳化硅信息网、金银岛网交所、中国硅铁贸易网…

## Cooperates Media

The People's Daily, the Guangming Daily, Liberation Army Daily, Science and Technology Daily, CCTV, People Net, Xinhua Net, the Chinese net, China Daily net, the Chinese news net, International Online, the Chinese broadcasting network, Sina Net, the Sohu network, Alibaba, Homeway, Hui Cong Net, Chinese Marketing Online, Chemical Network, tSteel and Iron Net, Zhuo Chuang Net, tManganese Ore Net, Chinese Silicon Carbide Net, Info Net, Money Island, China Ferro Silicon Net.

## 《硅业资讯》与行业组织

《硅业资讯》的专业、特色以及在业内的影响，离不开下列行业组织的帮助和支持：  
中国硅业协会、中国电子商务协会、中国互联网协会、中国市场学会、中国能源协会、上海新能源行业协会、深圳太阳能行业协会、江苏省光伏产业协会、可再生能源学会、中国太阳能学会、常州市光伏行业协会、SNEC 国际太阳能光伏大会、亚洲太阳能光伏工业展览会、诺盖斯中国国际太阳能展览会等。  
中国矿业联合会、中国硅酸盐协会、中国化学矿业协会、中国日用玻璃协会、中国电工技术协会、中国铁合金工业协会、中国磨具工业协会、中国建筑玻璃与工业玻璃协会、广东省太阳能协会、中国电子元件行业协会、中国质量协会、中国光学光电子行业协会、中国耐火材料行业协会、中国半导体行业协会、中国有色金属工业协会、中国氟硅有机材料工业协会、中国非金属矿工业协会、中国复合材料协会、中国金属学会、中国照明学会、中国化工学会、中国测试学会、中国晶体学会、中国材料研究学会、中国感光学会、中国电子学会等。

Silica Fume Association(USA),  
Association of American Ceramic Components Manufacturers(USA),  
Association of Clay and Glass Artists of California (USA),  
American Chemical Society (USA),  
The Society of Glass and Ceramic Decorators (USA),  
American Ceramic Society(USA),  
The British Abrasive Federation (UK),  
The Japan Society of Analytical Chemistry(Japan),  
German Abrasive Association(Germany)  
(以上排名不分先后)

## Industry Organization

The characteristic as well as in industry in influence of The Info of Silica & Silicon, cannot leave the following Line organization's help and the support: the China silicon industry association,



China Electronic commerce Association, the Chinese Internet Association, the Chinese Market Academic society, the Chinese Energy Association, the Shanghai New Energy Profession Association, Shenzhen Solar energy Profession Association, Jiangsu Province light bends down the industrial association, the renewable energy source academic society, the Chinese Solar energy Academic society, Changzhou light to bend down the profession association, the SNEC international solar energy light bending down congress, Asian solar energy light Fu Zhan, the Gaies China international solar energy exposition. China Mining industry Federation, Chinese Silicate Association, Chinese Chemistry Mining industry Association, Chinese Everyday use Glass Association, Chinese electrician Technical society, Chinese ferroalloy Industrial association, Chinese grinding tool Industrial association, China structural glass and technical glass association, Guangdong Province solar energy association, China Electronic component Profession Association, Chinese Quality Association, Chinese Optics Photoelectron Profession Association, Chinese Fire-proof material Profession Association, Chinese Semiconductor Profession Association, China Nonferrous industry Association, Chinese fluorine silicon organic material Industrial association, Chinese nonmetalliferous ore Industrial association, Chinese Compound materials Association, Chinese Metal Academic society, Chinese Illumination Academic society, Chinese Chemical industry Academic society, Chinese Test Academic society, Chinese Crystal Academic society, Chinese materialResearch society, Chinese Photosensitive Academic society, Chinese Electron Academic society and so on.

Silica Fume Association(USA),  
 Association of American Ceramic Components Manufacturers(USA),  
 Association of Clay and Glass Artists of California (USA),  
 American Chemical Society (USA),  
 The Society of Glass and Ceramic Decorators (USA),  
 American Ceramic Society(USA),  
 The British Abrasive Federation (UK),  
 The Japan Society of Analytical Chemistry(Japan),  
 German Abrasive Association(Germany)  
 (the above order does not divide successively)





一切皆有可能!  
*Impossible is nothing!*

## 硅业技术及研发

SILICA AND SILICON RESEARCH AND DEVELOPMENT





## • HPQ系列高纯石英砂

中彰国际拥有独立知识产权的科研成果

### HPQ Series Quartz Concentrate

SINOSI owns exclusive know-how and intellectual property rights

SiO<sub>2</sub>: 99.9%min

Size: 100-400 μ



国家建筑材料测试中心 (National Research Center of Testing Techniques for Building Materials)	
检验报告	
(Test Report)	
中心编号: 200312874	第 1 页 共 1 页
样品名称: 高纯石英砂	检验类别: 委托检验
委托单位: 中彰国际有限公司	来样编号: ———
生产单位: Sinu Quartz International Ltd.	商 标: ———
生产日期: 2003 年 12 月 30 日	型号规格: ———
检验方法: ICP	生产日期: ———
检验结果 (w.g/g): Al: 0.15      Fe: 0.49 Ca: 0.30      Mg: 0.08 K: 0.75      Na: 0.83 Li: <0.01      Ti: <0.01 Cu: <0.01      S: 0.2 Co: <0.01      Ni: <0.01 Mn: 0.07 (以下空白)	
附注:	签发日期: 2004 年 1 月 19 日 (测试员签名)
检测单位: 中彰国际有限公司 地址: 北京朝阳区望京中街 电话: 60729028 邮编: 100014	

## • 高纯、超细石英粉、硅微粉

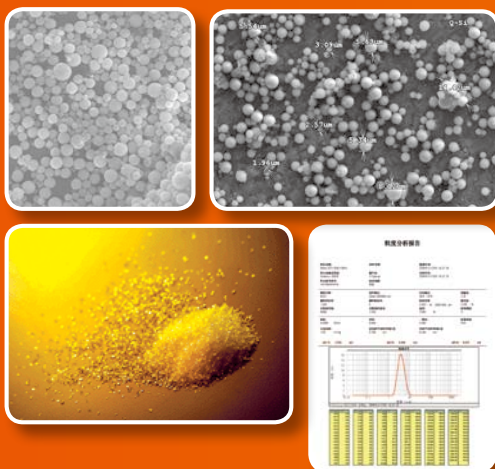
SiO<sub>2</sub>纯度: 99.9%以上

粒度: D50, 10-50 μ, 50-500nm

Micro quartz powder with high purity

Purity: SiO<sub>2</sub>: 99.9% min.

Size: D50, 10-50 μ, 50-500nm



## • 中彰国际研发的球型化硅微粉在中国诞生

球化率: 95%以上

粒度: D50, 1-15 μ

The spherical and fused quartz powder

SINOSI owns exclusive know-how and intellectual property rights

Spherical ratio: 95% min.

Size: D50, 1-15 μ



**SINOSI**  
SILICON MATERIAL SPECIFICATIONS

**3N UMG SILICON MATERIAL**

**Resistivity (typical data):**  
0.5-2.0 ohm.cm

**Size:** 5-200mm

**Chemical components**  
Si: 99.9999% min.  
Others (typical data, reference only):

Element	Typical Data (Percentage (%))
Al	<0.0001
B	<0.0001
Bi	<0.0001
Ca	<0.0001
Cd	<0.0001
Co	<0.0001
Cu	<0.0001
Cr	<0.0001
Fe	<0.0001
Mg	<0.0001
Mn	<0.0001
Mo	<0.0001
Ni	<0.0001
P	<0.0001
Pb	<0.0001
Sb	<0.0001
Se	<0.0001
Ti	<0.0001
V	<0.0001
Zn	<0.0001

**Special Note:**  
Above testing results are analyzed by ICP-AES/ICP-MS and subject to the samples only. It shall be acknowledged as a Typical Data and reference for users only.



- 中彰国际联合众多科研单位和企业共同研发的物理法生产太阳能级UMG硅料获得成功并实现量产

3-6N UGM Silicon and Solar Grade Polycrystalline silicon  
— SINOSI owns exclusive know-how and intellectual property rights.



意大利用户参观我公司太阳能级UMG硅料生产线  
One of our users from Italy is visiting our UMG silicon producing line



- 中彰国际研发的高纯一氧化硅、二氧化硅镀膜材料  
High purity SiO and SiO<sub>2</sub> coating materials

SiO: 99-99.99%  
SiO<sub>2</sub>: 99-99.99%



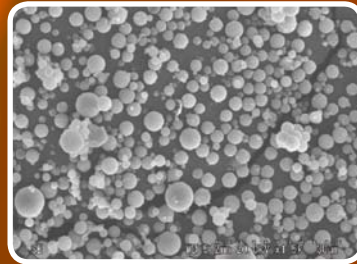


### ● 纳米硅微粉

粒度: D50,50-500 nm  
纯度: SiO<sub>2</sub>: 99.9% min.

Nonometer silica powder

Size: D50,50-500 nm  
SiO<sub>2</sub>: 99.9% min.



硅原料作为传统的半导体工业和...  
产业的重要原料,在IT技术和...  
时代发挥着越来越重要的作用...  
英、水晶在纯度、粒度特别是...  
稳定性等方面都存在着严重的...  
因此,高纯、超细、稳定的硅...  
是业内人士为之奋斗的目标...  
统计,二氧化硅含量在...  
上的高纯度硅原料,目前我...  
要依赖于从美国、日本等国家...  
国际自2000年以来在广泛吸...  
信息的基础上,历经3年多...  
于研发出纯度高(二氧化硅...  
99.998%)、粒度细(在保持...  
度的基础上,粒度可以达到...  
-30纳米)、稳定性好、生...  
硅原料...



# 国际硅业合作与交流

## SILICA AND SILICON INTERNATIONAL COOPERATION



▲ 中彰国际与AVINVON签署设备供应合同  
Signing contract for silicon equipment supplying



▲ 中彰国际被ITW/AUTO WAX授予2009年最杰出经销商  
Sinosi Group is awarded by ITW/Auto Wax as the Top Distributor in 2009.

中彰国际(SINOSI)凭借多年国际市场的经验和进出口业务渠道,在二氧化硅( $\text{SiO}_2$ )、一氧化硅( $\text{SiO}$ )、纯硅( $\text{Si}$ )系列硅原料以及石油、化工、矿产品等方面与美国、加拿大、日本、英国、意大利、德国、阿联酋、澳大利亚、巴西、南非、阿根廷、尼日利亚、秘鲁、俄罗斯、哈萨克斯坦、韩国、印度尼西亚、泰国、巴基斯坦、印度、越南、香港等国家和地区的政府部门、工商企业、金融机构建立了良好的业务合作关系。在熟知国际市场供应和需求的情况下,充分发挥“两个市场”的需求效应,合理并有效地演绎了“两种资源”的配置效应,在实现自身经济效益的同时,也在业内同行中创造性的实现了社会效益和经济效益并举的发展目标。将中国的硅原料推向世界,将世界的硅原料引入中国是中彰国际(SINOSI)永不改变的诺言。让世界认知中国,让中国彰显于世界,中彰国际(SINOSI)正为此不懈努力。

Through SINOSI's expertise in import and export channels and its many years of experience in the global market, SINOSI has established excellent relationships with government agencies, enterprises and financial service providers in countries such as the U.S., Canada, Japan, U.K., Italy, Germany, U.A.E., Australia, Brazil, South Africa, Argentina, Nigeria, Peru, Russia, Kazakhstan, South Korea, Indonesia, Thailand, Pakistan, India, Vietnam and Hong Kong in fields such as  $\text{SiO}_2$ ,  $\text{SiO}$ , high purity  $\text{Si}$  material and petroleum, chemicals and mining materials. Having a precise understanding of the global supply and demand, SINOSI leveraged the demand from both markets and played the role in coordinating the resource allocation between the two markets. While realizing economic benefit, SINOSI leads itsers in achieving social benefits. To introduce Chinese silicon materials to the rest of the world is the promise SINOSI will always keep. To let the world know about China and to let China appear on world stage is something SINOSI will strive to achieve.





▲ 中彰国际向哈萨克斯坦FSA GROUP供应成套设备合同签署  
Singing contract for supplying of silicon producing equipments



◀ 中彰国际与KAZSILICON在成套设备供应合同上签字  
Singing for equipment supplying contract



▲ 中彰国际与越南MINEXCO签署合作协议  
Singing for cooperation agreement



▲ 意大利客户参观UMG生产车间  
Italy clients visit our UMG silicon producing line.



▲ 中彰国际与吉尔吉斯DELTA公司签署合作协议  
Singing for cooperation agreement



▲ 越南客户参观我公司金属硅设备  
The client from Vietnam is visiting our silicon metal producing equipment



▲ 中彰国际与吉尔吉斯MMHC签署合作协议  
Singing contract for equipment supplying.





▲ 中彰国际董事与南非客户在一起  
SINOSI BOD members and our clients from South Africa



▲ 俄罗斯POLAR QUARTZ商务总  
经理访问我公司  
Polar Quartz Commercial Director visits  
our company

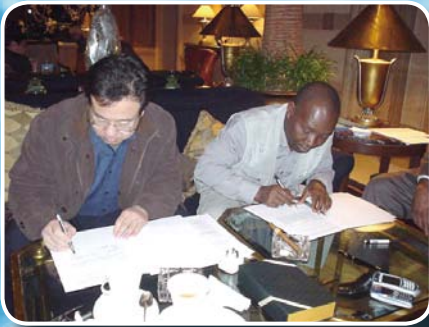


▲ 新产品发布推介会  
Seminar for the new products



▲ 中彰国际与美国AWC公司签署合作协议  
Signing cooperation agreement

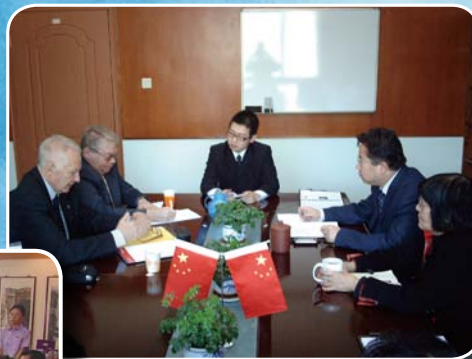




▲ 中彰国际与南非签署矿砂供应合同  
Signing contract for supplying of mineral materials



▲ 中彰国际董事长与SAIMAN总经理在一起  
SINOSI chairman visits Kazakhstan Saiman



▲ 中彰国际与俄罗斯POLAR QUARTZ签署全面  
合作协议  
Signing cooperation agreement with Polar Quartz



▲ 工作研讨会  
Business meeting



▲ 美国客人访问我公司  
American clients visit our company



▲ 中彰国际与越南客户签署合作协议  
Signing cooperation agreement



▲ 中彰国际与哈化学技术研究所签署合作协议  
Signing cooperation agreement





◀ 美国BAF工业公司授权中彰石化  
为中国市场总代理  
Letter of Antheriztion (LOA) issued by BAF Industries,USA



◀ 美国AWC公司授权中彰国际  
为中国市场总代理和总经销商  
LOA issued by ITW/Auto Wax,USA



▲ 英国CAPITAL OIL授权中彰国际  
为中国市场代理  
LOA issued by Capital Oil,British



▲ 美国NATIONAL OIL授权中彰国际  
为中国市场总代理  
LOA issued by National Oil,USA



▲ 尼日利亚APEC授权中彰国际  
为中国市场总代理  
LOA issued by APEC,Nigeria



▲ 美国MINTEC授权中彰国际  
为中国市场代理  
LOA issued by MinTec,USA





▲ 意大利SINTESI授权中彰国际为中国市场总代理  
LOA issued by SinTesi,Italy



▲ 美国GENERAL OIL授权中彰国际为中国市场总代理  
LOA issued by General Oil,USA



▲ 加拿大SEA HARVEST授权中彰国际为中国市场总代理  
LOA issued by Seaharvest,Canada



▲ 俄罗斯POLAR QUARTZ授权中彰国际  
下属赛诺硅业为中国市场总代理  
LOA issued by Polar Quartz,Russia



▲ 德国HOCER授权中彰国际为中国市场总代理  
LOA issued by Hocem,Germany





The World of Silica and Silicon

A composite image showing several hands of different skin tones reaching up from the bottom and sides to touch or hold a globe of the Earth. The globe is positioned on the right side of the frame, showing continents like Africa and Europe. The background is a bright, clear blue sky. The overall composition suggests global unity and collective effort.

*Success often comes to those who dare to act!  
Success is never ending, failure is never final!*





成功往往属于那些  
敢于迎接挑战的人  
成功永远没有终结  
失败永远不是最终结果

中彰國際  
SINOSI GROUP





中彰国际 SINOSI GROUP

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