



## 淄博晟凯新材料有限公司

Zibo Shengkai New Materials Co., Ltd.

联系电话: 86-15315225622 86-15964475156 86-15966961079

地址: 山东省淄博市张店区新村西路 177 号汇美大厦 816

Room 816, Huimei Building, No. 177 Xincun West Road,  
Zhangdian District, Zibo City, Shandong Province, P. R. China



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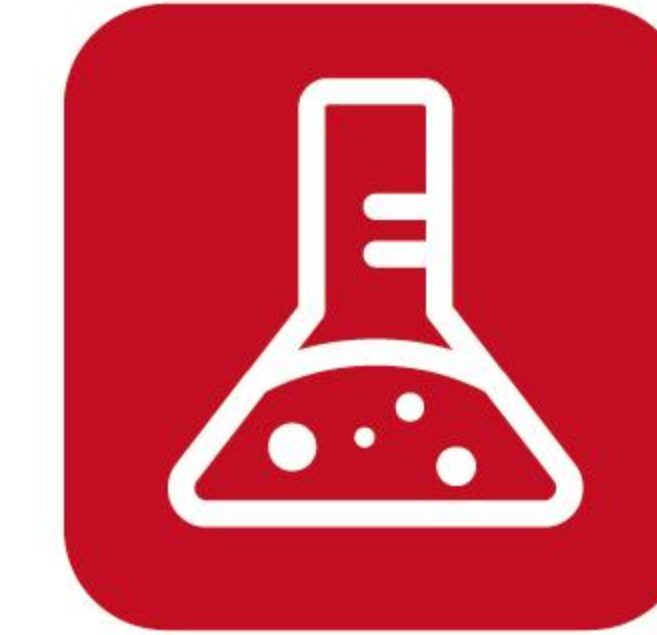
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## 公司简介 COMPANY PROFILE

淄博晟凯新材料有限公司创建于 2018 年，注册资本 100 万元，座落于山东省淄博市张店区，本公司依托山东铝业公司雄厚的产品供应及技术力量，具有其它同类企业无可比拟的资源优势和技术优势。公司拥有一支集产品生产及销售的高素质人才队伍，为全球消费者持续提供品质优良的氧化铝系列产品，刚玉系列产品，铝矾土，坩埚等产品。能够满足客户的不同需求，产品已得到多个国内外企业的验证和肯定。公司以科研为先导，以质量为生命，以市场为中心，以合作发展为动力，愿与社会各界同仁精诚合作，互惠双赢。

Zibo Shengkai New Materials Co., Ltd. was founded in 2018, with a registered capital of 1 million yuan, located in Zhangdian District, Zibo City, Shandong Province. Relying on the strong product supply and technical strength of Shandong Aluminum Company, the company has unparalleled resource advantages and technical advantages over other similar enterprises. The company has a set of product production and sales of high-quality personnel teams, for the global consumers continue to provide high-quality alumina, corundum series, bauxite, crucible, and other products. To meet customers' different needs, products have been verified and affirmed by many domestic and foreign enterprises. The company takes scientific research as the guide, quality of life, and market as the center, cooperation, and development as the driving force, and is willing to cooperate with colleagues from all walks of life for mutual benefit and win-win.

## 产品类目 PRODUCT ITEMS



**氧化铝系列：**工业氧化铝、煅烧 $\alpha$ 氧化铝、氢氧化铝  
**Alumina Series:** Common Commercial Alumina、Calcined Alumina、Aluminum Hydroxide



**白刚玉系列：**白刚玉、铬刚玉、棕刚玉、板状刚玉、镀铱白刚玉、镀铱棕刚玉  
**Corundum Series:** White Fused Alumina、Brown Fused Alumina、Pink Fused Alumina、Tabular Corundum、Iridium-Plated White corundum、Iridium-Plated Brown corundum



**铝矾土：**铝矾土颗粒、铝矾土细粉  
**Bauxite:** Bauxite Partiles、Bauxite Powder



**坩埚：**石墨碳化硅坩埚、粘土坩埚  
**Crucible:** Silicon Carbide Graphite Crucible、Clay Crucible

工业氧化铝  
COMMON COMMERCIAL ALUMINA



产品概述 Product Overview:

粒度适中，流动性好，飞扬轻，易溶解，吸氟性强，杂质元素含量低。  
Appropriate particle size, excellent liquidity, and fluoride absorption, easy to dissolve, low content of impurities.

产品主要用途 The Main Uses Of The Products:

电解铝，煅烧氧化铝原料，陶瓷，釉料，刚玉原料，纯铝酸钙水泥，玻璃行业。  
Electrolytic aluminum, Calcined alumina, Ceramic, Calcium alumina cement, Corundum, Glass, Glaze.

产品特性指标 Product Characteristic Index:

| 产品牌号<br>Brands | 化学成分 Chemical composition(%)   |                  |                                |                   |      |
|----------------|--------------------------------|------------------|--------------------------------|-------------------|------|
|                | Al <sub>2</sub> O <sub>3</sub> | SiO <sub>2</sub> | Fe <sub>2</sub> O <sub>3</sub> | Na <sub>2</sub> O | LOI  |
|                | %                              | %                | %                              | %                 | %    |
| AO-1           | ≥98.6                          | ≤0.02            | ≤0.02                          | ≤0.45             | ≤1.0 |

煅烧α氧化铝  
CALCINED ALUMINA

产品概述 Product Overview:

采用优质原料，利用回转窑，在合理的煅烧温度下煅烧而成的α晶相氧化铝产品。本产品具有转化率高、晶形稳定、杂质含量低等优点，其制品机械强度高、收缩率稳定、电绝缘性能好、耐磨损、耐腐蚀和耐高温性能优异。  
Using high-quality raw materials, calcined alumina is produced in the rotary kiln at a reasonable temperature, with the characteristic of high conversion rate, stable crystallization, and low impurity content. Its products have excellent performance of high mechanical strength, stable shrinkage rate, good electrical insulation, high wear resistance, and outstanding corrosion resistance.



产品主要用途 The Main Uses Of The Products:

各种磨料、磨具及各种耐磨填料、各种陶瓷级和耐火级氧化铝微粉、高铝、高纯结构陶瓷电子元件、高频绝缘瓷。  
Various abrasives, abrasive tools, and fillers fine powder of various ceramic and refractory grade alumina High alumina structural ceramic electronic components, high insulating ceramic.

产品特性指标 Product Characteristic Index:

| 产品牌号<br>Brands | 化学成分<br>Chemical composition(%)     |                       |                                     |                        | 烧失量<br>LOI% | 有效密Effective density<br>g/cm度 | α-Al <sub>2</sub> O <sub>3</sub><br>% | 原晶粒度<br>Particle<br>Size μm |
|----------------|-------------------------------------|-----------------------|-------------------------------------|------------------------|-------------|-------------------------------|---------------------------------------|-----------------------------|
|                | Al <sub>2</sub> O <sub>3</sub><br>≥ | SiO <sub>2</sub><br>≤ | Fe <sub>2</sub> O <sub>3</sub><br>≤ | Na <sub>2</sub> O<br>≤ | ≤           | ≥                             | ≥                                     |                             |
| A-C-30         | 99                                  | 0.1                   | 0.02                                | 0.35                   | 0.1         | 3.92                          | 92                                    | 0.6-1.2                     |
| A-C-30-A       | 99.3                                | 0.1                   | 0.04                                | 0.4                    | 0.2         | 3.93                          | 93                                    | 2.5±1                       |
| A-C-40-MS      | 99.3                                | 0.1                   | 0.04                                | 0.2                    | 0.2         | 3.91                          | 91                                    | 2±1                         |
| A-C-30M        | 99.3                                | 0.1                   | 0.04                                | 0.4                    | 0.2         | 3.90                          | 90                                    | ≤2                          |

氢氧化铝  
ALUMINUM HYDROXIDE



产品概述 Product Overview:

白色结晶细粉，具有含铁低、活性好、能溶于酸碱之点。  
White crystalline fine powder, with low iron content, good activity, and soluble in acid and alkali.

产品主要用途 The Main Uses Of The Products:

焙烧氧化铝，制作无机铝盐、聚氯化铝、净水剂、氟化铝、冰晶石、铝酸钠、医药用铝胶原料、催化剂载体、橡胶、塑料、阻燃防火填料等。  
The alumina produces inorganic aluminum salts, poly aluminum chloride, water purification agents, aluminum fluoride, cryolite, sodium aluminate, pharmaceutical aluminum glue raw materials, catalyst carriers, rubber, plastics, flame retardant, and fireproof fillers, etc.

产品特性指标 Product Characteristic Index:

| 产品牌号<br>Brands | Al <sub>2</sub> O <sub>3</sub><br>% | 杂质含量 Impurities (%) |                                |                   | 灼减LOI<br>% | 水分<br>Moisture<br>% | 粒度 Particle Size |       |
|----------------|-------------------------------------|---------------------|--------------------------------|-------------------|------------|---------------------|------------------|-------|
|                |                                     | SiO <sub>2</sub>    | Fe <sub>2</sub> O <sub>3</sub> | Na <sub>2</sub> O |            |                     | +80M             | +200M |
|                |                                     | %                   | %                              | %                 |            |                     | %                | %     |
| AH-1           | ≥64.5                               | ≤0.02               | ≤0.02                          | ≤0.4              | 34.5±0.5   | ≤5                  | <4               | >70   |
| GAH-1          | ≥64.5                               | ≤0.02               | ≤0.02                          | ≤0.4              | 34.5±0.5   | ≤0.1                | <4               | >70   |

白刚玉  
WHITE FUSED ALUMINA



产品概述及应用  
The Product Overview And Use:

白刚玉以氧化铝为原料，经过高温熔炼而成。呈白色、耐酸碱、抗腐蚀、硬度高。用其制成的磨具适用于高碳钢、高速钢和淬火钢等的磨削。可作研磨抛光材料，还可做精密铸造型砂、喷涂材料、化工触媒体、特种陶瓷、高级耐火材料等。此外，其微粉具有良好的绝缘性，适合晶体、电子行业的超精研磨和抛光及制作高级耐火材料等。

White Fused Alumina is made from alumina as raw material and is melted at high temperatures. It is white, acid, and alkali resistant, corrosion-resistant, and has high hardness. The grinding tools made of it are suitable for grinding high-carbon steel, high-speed steel, and quenched steel. It can be used as grinding and polishing materials, as well as precision casting sand, spraying materials, chemical contact media, special ceramics, advanced refractory materials, etc. In addition, its micro powder has good insulation properties and is suitable for ultra-precision grinding and polishing in the crystal and electronic industries, as well as the production of advanced refractory materials.

产品特性指标 Product Characteristic Index:

| 规格<br>SIZE          | Al <sub>2</sub> O <sub>3</sub> | Fe <sub>2</sub> O <sub>3</sub> | Na <sub>2</sub> O + K <sub>2</sub> O | SiO <sub>2</sub> | 真比重<br>Density    | 耐火度<br>Refractoriness | 堆积密度<br>Packing density | 体密<br>Bulk density |
|---------------------|--------------------------------|--------------------------------|--------------------------------------|------------------|-------------------|-----------------------|-------------------------|--------------------|
|                     | %                              | %                              | %                                    | %                | g/cm <sup>3</sup> | °C                    | g/cm <sup>3</sup>       | g/cm <sup>3</sup>  |
|                     | ≥                              | ≤                              | ≤                                    | ≤                | ≥                 | >                     | ≥                       | ≥                  |
| 粒度<br>Particle size | 99                             | 0.05                           | 0.35                                 | 0.06             | 3.96              | 1850                  | 1.5-1.95                | 3.6                |
| 细粉<br>Fine powder   | 99                             | 0.05                           | 0.35                                 | 0.06             | 3.95              | 1850                  | 1.4-1.8                 | 3.5                |
| 微粉<br>Micro powder  | 99                             | 0.05                           | 0.35                                 | 0.06             | 9.95              | 1850                  | 1.4-1.8                 | 3.5                |

棕刚玉  
BROWN FUSED ALUMINA



产品概述及应用  
The Product Overview And Use:

棕刚玉是以优质铝矾土为原料，经过高温熔炼而成。呈棕褐色、硬度高、韧性大、耐高温、耐腐蚀。用其制造的磨具，适用于碳素钢、可锻铸铁、硬青铜等的磨削。在耐火材料、化工添加剂、精密铸造及防滑材料等方面也有广泛应用。此外，其微粉还可做湿式或者干式喷射砂、超精研磨和抛光。

Brown Fused Alumina is made from high-quality bauxite through high-temperature melting. It is brownish brown, with high hardness, high toughness, high-temperature resistance, and corrosion resistance. The grinding tools manufactured with it are suitable for grinding carbon steel, malleable cast iron, hard bronze, etc. It is also widely used in refractory materials, chemical additives, precision casting, and anti-slip materials. In addition, its micro powder can also be used for wet or dry sandblasting, ultra-precision grinding, and polishing.

产品特性指标 Product Characteristic Index:

| 规格<br>SIZE          | Al <sub>2</sub> O <sub>3</sub> | Fe <sub>2</sub> O <sub>3</sub> | TiO <sub>2</sub> | SiO <sub>2</sub> | 真比重<br>Density    | 耐火度<br>Refractoriness | 堆积密度<br>Packing density | 体密<br>Bulk density |
|---------------------|--------------------------------|--------------------------------|------------------|------------------|-------------------|-----------------------|-------------------------|--------------------|
|                     | %                              | %                              | %                | %                | g/cm <sup>3</sup> | ℃                     | g/cm <sup>3</sup>       | g/cm <sup>3</sup>  |
|                     | ≥                              | ≤                              | ≤                | ≤                | ≥                 | >                     | ≥                       | ≥                  |
| 粒度<br>Particle size | 95                             | 0.5                            | 3                | 1                | 3.90              | 1850                  | 1.5-1.95                | 3.8                |
| 细粉<br>Fine powder   | 95                             | 0.5                            | 3                | 1                | 3.90              | 1850                  | 1.4-1.8                 | 3.8                |
| 微粉<br>Micro powder  | 94                             | 0.5                            | 3.5              | 1                | 3.90              | 1850                  | 1.4-1.8                 | 3.7                |

铬刚玉  
PINK FUSED ALUMINA



产品概述及应用  
The Product Overview And Use:

铬刚玉是以氧化铝粉为主要材料，适配氧化铬等，经过高温熔炼而成。呈紫红色、硬度与白刚玉近似、韧性比白刚玉高。可用于制造磨具，抛光研磨等。适用于量具、机床主轴、仪表主轴、仪表零件、螺纹工件以及样板削磨等紧密削磨。

Pink Fused Alumina is mainly made of aluminum oxide powder, suitable for chromium oxide and other materials, and is melted at high temperatures. It has a purple-red color, similar hardness to white corundum, and higher toughness than white corundum. Can be used for manufacturing grinding tools, polishing, grinding, etc.

Suitable for tight grinding of measuring tools, machine tool spindles, instrument spindles, instrument parts, threaded workpieces, and template grinding.

产品特性指标 Product Characteristic Index:

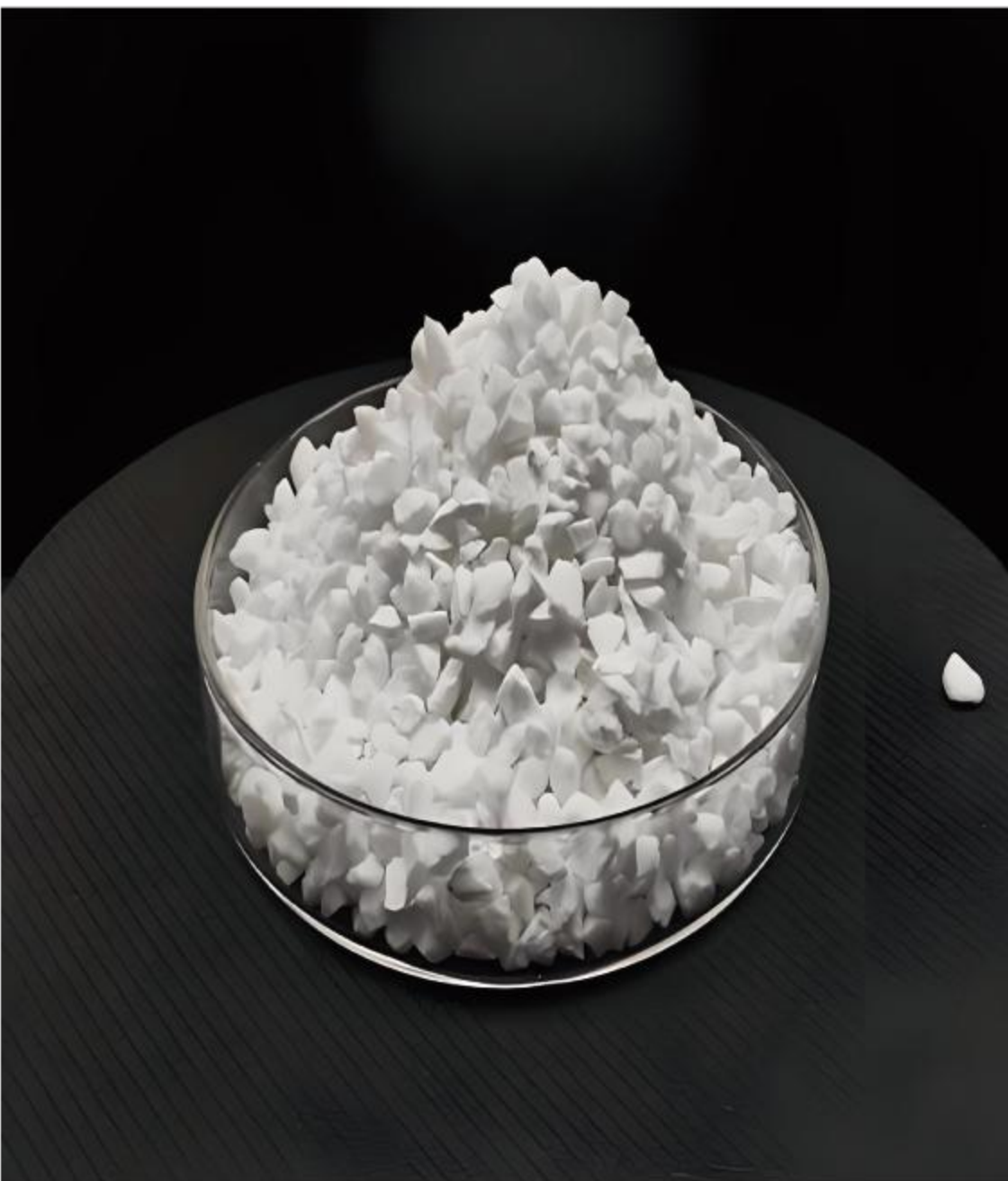
| 规格<br>SIZE          | Al <sub>2</sub> O <sub>3</sub> | Fe <sub>2</sub> O <sub>3</sub> | Cr <sub>2</sub> O <sub>3</sub> | Na <sub>2</sub> O | 耐火度<br>Refractoriness | 堆积密度<br>Packing density | 体密<br>Bulk density |
|---------------------|--------------------------------|--------------------------------|--------------------------------|-------------------|-----------------------|-------------------------|--------------------|
|                     | %                              | %                              | %                              | %                 | ℃                     | g/cm <sup>3</sup>       | g/cm <sup>3</sup>  |
|                     | ≥                              | ≤                              |                                | ≤                 | >                     | ≥                       | ≥                  |
| 粒度<br>Particle size | 98                             | 0.3                            | 0.2-2.0                        | 0.35              | 1850                  | 1.40-1.91               | 3.6                |
| 细粉<br>Fine powder   | 98                             | 0.3                            | 0.2-2.0                        | 0.35              | 1850                  |                         | 3.6                |

板状刚玉  
TABULAR CORUNDUM

产品概述及应用 The Product Overview And Use:

板状刚玉具有纯洁度高、白度高、显气孔率低、吸水率低等特点。可以作为主要成分用于铝碳质、铝镁碳质、镁铝碳质、镁尖晶石质、铝铬质耐火砖中，也可作为富氧化铝成分引入到高铝不定形耐火材料中，可以广泛应用于钢铁、铸造、陶瓷等行业，其中在钢铁行业的应用几乎涵盖了炼铁炼钢的全过程。

Tabular corundum has the characteristics of high purity, high whiteness, low porosity, and low water absorption. It can be used as the main component in alumina carbon, alumina magnesia carbon, magnesia alumina carbon, magnesia spinel, and alumina chrome Fire brick, and it can also be introduced into high alumina amorphous refractories as the enriched alumina component. It can be widely used in steel, casting, ceramics, and other industries. Its application in the steel industry almost covers the whole process of iron and steel making.



产品特性指标 Product Characteristic Index:

| 产品牌号<br>Brands                                                 | 化学成分 Chemical composition(%)     |                    |                                  |                    | 物理指标 Physical Index                           |                            |                              |
|----------------------------------------------------------------|----------------------------------|--------------------|----------------------------------|--------------------|-----------------------------------------------|----------------------------|------------------------------|
|                                                                | Al <sub>2</sub> O <sub>3</sub> % | SiO <sub>2</sub> % | Fe <sub>2</sub> O <sub>3</sub> % | Na <sub>2</sub> O% | 体 密<br>Volume Density<br>(g/cm <sup>3</sup> ) | 吸水率<br>Water<br>Absorption | 显气孔率<br>Apparent<br>Porosity |
|                                                                | ≥                                | ≤                  | ≤                                | ≤                  | ≥                                             | ≤                          | ≤                            |
| 0-1mm<br>0-0.5mm<br>1-2mm<br>1-3mm<br>3-5mm<br>5-8mm<br>5-10mm | 99.5                             | 0.06               | 0.02                             | 0.25               | 3.5                                           | 1.5                        | 4                            |
| 200#-0<br>320#-0<br>325#                                       | 99.3                             | 0.06               | 0.04                             | 0.25               | 3.5                                           | 2.0                        | 4                            |

| 项目<br>Project          | 化学成分 Chemical composition(%)            |                    |                                  |                    |       | 物理指标 Physical Index                           |                            |                              |
|------------------------|-----------------------------------------|--------------------|----------------------------------|--------------------|-------|-----------------------------------------------|----------------------------|------------------------------|
|                        | Al <sub>2</sub> O <sub>3</sub> %<br>差减法 | SiO <sub>2</sub> % | Fe <sub>2</sub> O <sub>3</sub> % | Na <sub>2</sub> O% | Fe 磁性 | 体 密<br>Volume Density<br>(g/cm <sup>3</sup> ) | 吸水率<br>Water<br>Absorption | 显气孔率<br>Apparent<br>Porosity |
| 指标%<br>Specification   | ≥99                                     | ≤0.3               | ≤0.2                             | ≤0.1               | ≤0.02 | ≥3.50                                         | ≤4                         | ≤1.0                         |
| 典型值%<br>Typical Values | 99.5                                    | 0.20               | 0.09                             | 0.07               | 0.01  | 3.59                                          | 3.00                       | 0.7                          |

镀铱白刚玉  
IRIDIUM-PLATED WHITE CORUNDUM

产品概述及应用 The Product Overview And Use:

镀铱白刚玉是以优质刚玉为原料，经过高温高热，在磨料表面上镀上一层金属铱复合材料，经过煅烧后制成的特殊磨料。经过镀铱的刚玉，韧性显著提高、表面更粗糙、亲水能力更强、自锐性增加、散热性能提升，在制作砂轮产品的过程中，可以更好的与粘结剂结合，生产的磨具产品具有工作效率高、寿命长、不易烧伤工件等特点。镀铱磨料是在传统磨料的基础上，采用了新材料和技术，对白刚玉磨料的改良。与普通磨料相比，显微硬度提高 10%、韧性提高 10%、亲水性提高 35%、磨削效率提高 30%、耐用度提升 30-50%，对砂轮产品质量的提升很有帮助。此外，镀铱白刚玉还可用于精密铸造造型砂、喷涂材料、特种陶瓷制品原料、高级耐火材料等领域。



Iridium-plated white corundum is a special abrasive made by using high-quality corundum as raw material, undergoing high temperature and heat treatment, and coating a layer of metal iridium composite material on the surface of the abrasive. After calcination, it is made. After iridium plating, corundum has significantly improved toughness, rougher surface, stronger hydrophilicity, increased self-sharpness, and improved heat dissipation performance. In the process of making grinding wheel products, it can be better combined with adhesives. The produced grinding tool products have characteristics such as high work efficiency, and long service life, and are not easy to burn workpieces. Iridium-plated abrasives improve white corundum abrasives by adopting new materials and technologies based on traditional abrasives. Compared with ordinary abrasives, it increases microhardness by 10%, toughness by 10%, hydrophilicity by 35%, grinding efficiency by 30%, and durability by 30-50%, which is very helpful for improving the quality of grinding wheel products. In addition, iridium-plated white corundum can be used in precision casting molding sand, spraying materials, special ceramic product raw materials, advanced refractory materials, and other fields.

产品特性指标 Product Characteristic Index:

| 化学指标<br>Chemical<br>index      | Al <sub>2</sub> O <sub>3</sub> |                           |                               | Fe <sub>2</sub> O <sub>3</sub> |                        |                    | Na <sub>2</sub> O |                        |
|--------------------------------|--------------------------------|---------------------------|-------------------------------|--------------------------------|------------------------|--------------------|-------------------|------------------------|
|                                | 99.3%-99.6%                    |                           |                               | 0.02-0.1%                      |                        |                    | 0.02-0.15%        |                        |
| 物理性能<br>Physical<br>properties | 努普硬度<br>Knoop<br>hardness      | 莫氏硬度<br>Moh's<br>hardness | 比重<br>Propoetion              | 堆积密度<br>Bulk density           | 熔点<br>Melting<br>point | 亲水性<br>Hydrophilia | 韧性<br>Tenacity    | 颗粒形状<br>Particle shape |
|                                | 2240<br>-2340                  | Min 9.0                   | Min 3.96g<br>/cm <sup>3</sup> | 1.52-2.02g<br>/cm <sup>3</sup> | 2250℃                  | 218mm (F46)        | 57.5%<br>(F46)    | 立方体<br>Cube            |

■ 镀铱棕刚

IRIDIUM- PLATED BROWN CORUNDUM



■ 产品概述及应用 The Product Overview And Use:

镀铱棕刚玉磨料是采用优质棕刚玉为原料进行精深加工，经过高温加热，在磨料表面热镀氧化铁后制成。产品具有表面积大、亲水性强、粒度均匀、纯度高、粘结力强、磨切效率高、散热性能好等特点。与普通棕刚玉相比，镀铱棕刚玉的韧性、显微硬度、亲水性、磨削效能等都大幅提高，镀铱棕刚玉特别适合用于高档涂附磨具、高档树脂砂轮的生产。

Iridium-plated brown corundum abrasive is made by using high-quality brown corundum as raw material for deep processing, heating at high temperature, and hot plating iron oxide on the surface of the abrasive. The product has a large surface area, strong hydrophilicity, uniform particle size, high purity, strong adhesion, high grinding efficiency, and good heat dissipation performance. Compared with ordinary brown corundum, iridium-plated brown corundum has significantly improved toughness, microhardness, hydrophilicity, and grinding efficiency. Iridium-plated brown corundum is particularly suitable for the production of high-end coated abrasives and high-end resin grinding wheels.

■ 产品特性指标 Product Characteristic Index:

| 项目名称<br>Item name                    | 亲水<br>Hydrophilia<br>(60#) | 脱砂量<br>Sand-out quantity<br>(60#) | 单颗粒抗压强度<br>Single particle<br>compressive strength<br>(30#) | 韧性<br>Tenacity<br>(60#) |
|--------------------------------------|----------------------------|-----------------------------------|-------------------------------------------------------------|-------------------------|
| 普通棕刚玉<br>Common brown corundum       | 60mm                       | 1.60g                             | 27.0N                                                       | 32.00%                  |
| 镀铱棕刚玉<br>Iridum plated brow corundum | 14mm                       | 1.53g                             | 31.0N                                                       | 59.00%                  |

■ 铝矾土

BAUXITE



■ 产品概述及应用

The Product Overview And Use:

铝矾土熟料是铝矾土生石，经回转炉高温煅烧而成，通过煅烧 去除结晶水，提升氧化铝含量，熟料为灰白色、浅黄色及深灰 色。其耐火度高、膨胀系数小、硬度高、性能稳定、使用环保、无有害气体排出，可替代其他非环保型材料。广泛应用于 耐火材料、炼铝工业、精密铸造、研磨材料、耐火浇筑料、陶瓷化工等领域。

Alumina clinker is raw bauxite, which is calcined at high temperatures in the rotary converter. Water of crystallization is removed through calcination to increase alumina content. The clinker is gray white, light yellow, and dark gray. It has high fire resistance, low expansion coefficient, high hardness, stable performance, environmentally friendly use, and no harmful gas discharge, and it can replace other non- environmentally friendly materials. Widely used in refractory materials, aluminum smelting industry, precision casting, grinding materials, refractory pouring materials, ceramic chemicals, and other fields.

■ 产品特性指标 Product Characteristic Index:

| 等级<br>Grade      | Al <sub>2</sub> O <sub>3</sub><br>% | CaO<br>% | Fe <sub>2</sub> O <sub>3</sub><br>% | 耐火度<br>Refractoriness<br>°C | 体积密度<br>Bulk density<br>g/cm <sup>3</sup> |
|------------------|-------------------------------------|----------|-------------------------------------|-----------------------------|-------------------------------------------|
| 特级 Special Grade | > 85                                | ≤0.6     | ≤2.0                                | ≥1790                       | ≥3.00                                     |
| 一级 Grade A       | > 80                                | ≤0.6     | ≤3.0                                | ≥1790                       | ≥2.80                                     |
| 二级甲 Grade 2A     | 70-80                               | ≤0.8     | ≤2.0                                | ≥1790                       | ≥2.65                                     |
| 二级乙 Grade 2B     | 60-70                               | ≤0.8     | ≤2.0                                | ≥1770                       | ≥2.55                                     |
| 三级 Grade C       | 50-60                               | ≤0.8     | ≤2.5                                | ≥1770                       | ≥2.45                                     |

坩埚  
CRUCIBLE

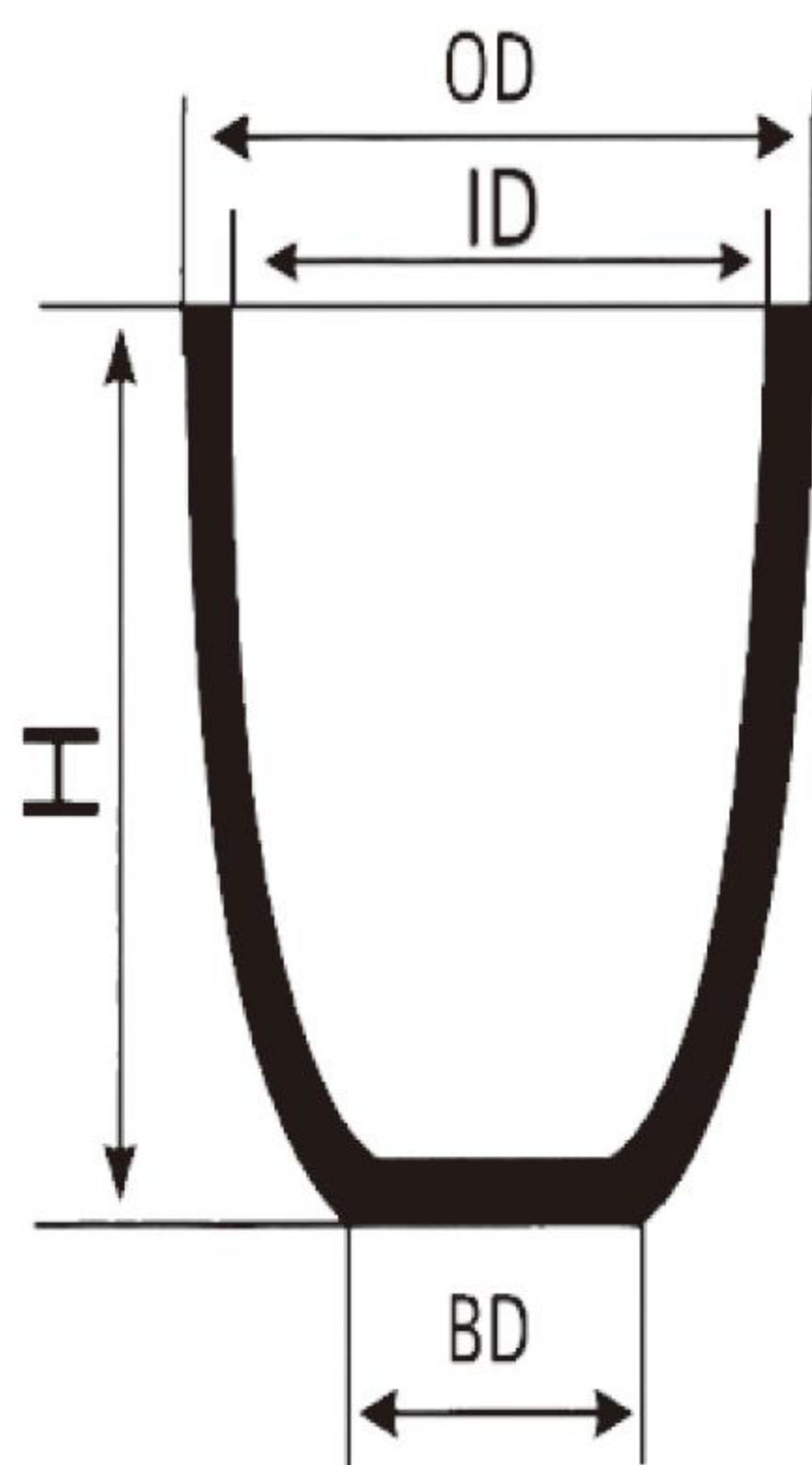
产品概述及应用 The Product Overview And Use:

石墨坩埚是一种由天然鳞片石墨、蜡石、碳化硅等原料制成的先进耐用于冶炼 铸造铜、铝、锌、铅、金、银和各种稀有金属。其具有导热快、耐 高温、热稳定性好、不与熔质起反应等特点，是有色金属熔铸器。其优点是：抗裂性能佳、耐 溶损和耐氧化、缩短溶解时间、传热性好，导热率高、省能源、使用寿命长等。石墨坩埚在冶金、铸造、机械、化工等工业部门，被广泛用于合金工具钢的冶炼 和有色金属及其合金的熔炼。

Graphite crucible is an advanced refractory material made from natural flake graphite, wax stone, silicon carbide, and other raw materials, used for smelting and casting copper, aluminum, zinc, lead, gold, silver, and various rare metals. It has the characteristics of fast thermal conductivity, high-temperature resistance, and good thermal stability, and does not react with molten materials, making it a non-ferrous metal casting tool. Its advantages include excellent crack resistance, resistance to solution loss and oxidation, shortened dissolution time, good heat transfer, high thermal conductivity, energy saving, and long service life.

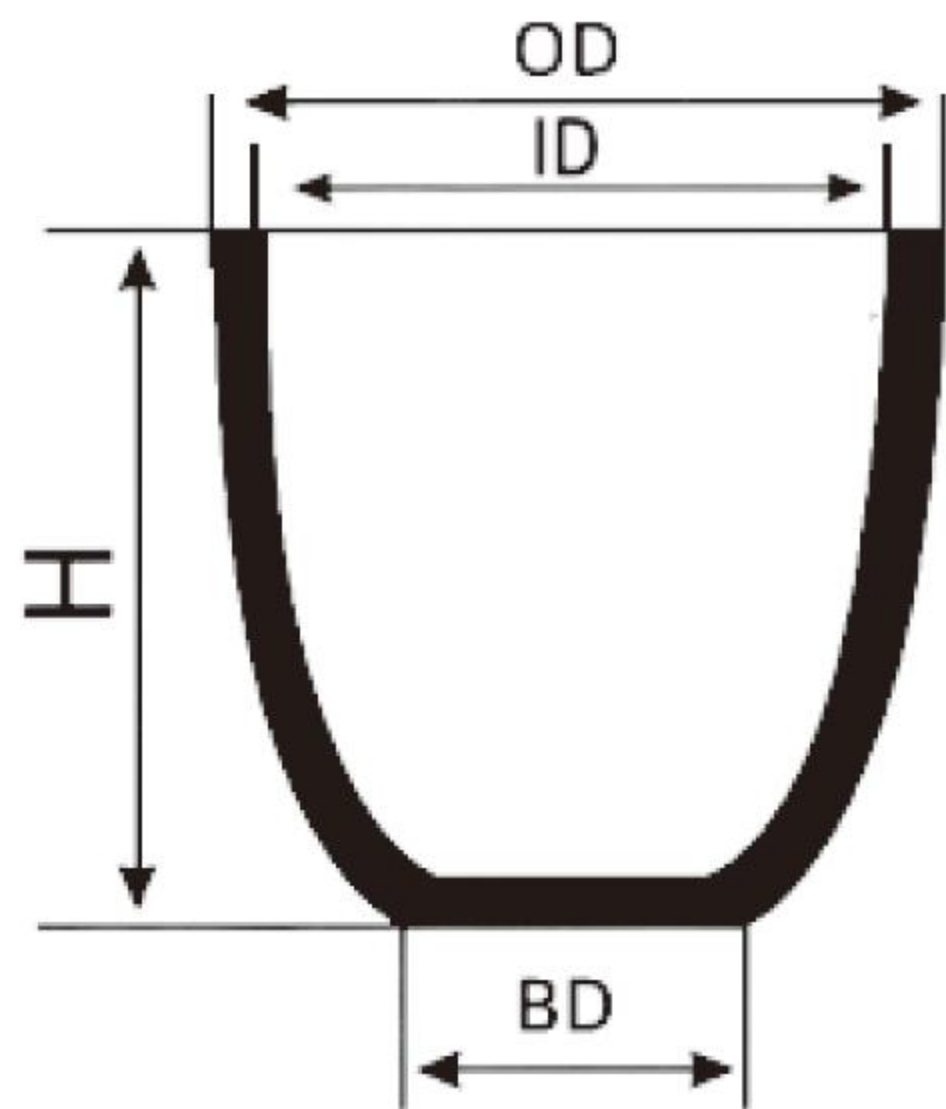
碳化硅坩埚特性指标 Silicon Carbide Graphite Crucible Characteristic Index:

| NO | 型号 Model | 外径 OD | 高度 H | 内径 ID | 底部直径 BD |
|----|----------|-------|------|-------|---------|
| 1  | 80       | 330   | 410  | 265   | 230     |
| 2  | 100      | 350   | 440  | 282   | 240     |
| 3  | 110      | 330   | 380  | 260   | 205     |
| 4  | 200      | 420   | 500  | 350   | 230     |
| 5  | 201      | 430   | 500  | 350   | 230     |
| 6  | 350      | 430   | 570  | 365   | 230     |
| 7  | 351      | 430   | 670  | 360   | 230     |
| 8  | 300      | 450   | 500  | 360   | 230     |
| 9  | 360      | 530   | 530  | 460   | 300     |
| 10 | 370      | 530   | 570  | 460   | 300     |
| 11 | 450      | 520   | 600  | 440   | 260     |
| 12 | 463      | 570   | 620  | 500   | 310     |
| 13 | 500      | 520   | 650  | 450   | 360     |
| 14 | 501      | 520   | 700  | 460   | 310     |
| 15 | 505      | 520   | 780  | 460   | 310     |
| 16 | 511      | 550   | 660  | 460   | 320     |
| 17 | 650      | 550   | 800  | 480   | 330     |
| 18 | 765      | 615   | 640  | 540   | 330     |
| 19 | 790      | 640   | 650  | 550   | 330     |
| 20 | 801      | 610   | 675  | 525   | 330     |
| 21 | 802      | 610   | 700  | 525   | 330     |
| 22 | 803      | 610   | 800  | 535   | 330     |
| 23 | 810      | 620   | 830  | 540   | 330     |
| 24 | 910      | 710   | 600  | 610   | 300     |
| 25 | 980      | 715   | 660  | 610   | 300     |
| 26 | 1000     | 715   | 700  | 610   | 300     |



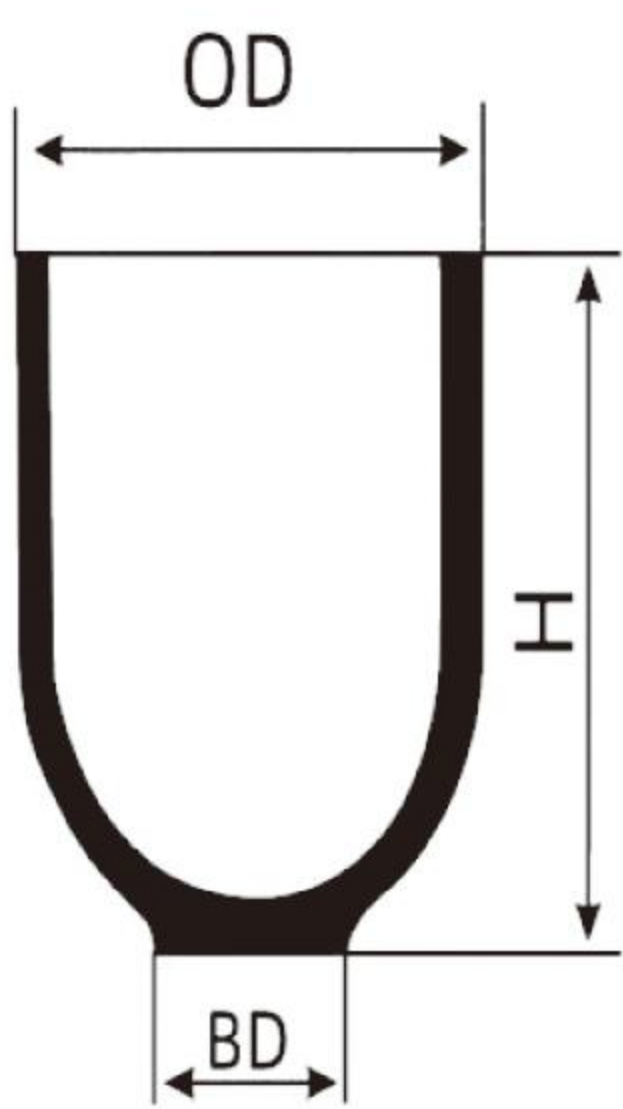
碳化硅坩埚特性指标 Silicon Carbide Graphite Crucible Characteristic Index:

| NO | 型号 Model | 外径 OD | 高度 H | 内径 ID | 底部直径 BD |
|----|----------|-------|------|-------|---------|
| 27 | 1050     | 715   | 720  | 620   | 300     |
| 28 | 1200     | 715   | 740  | 620   | 300     |
| 29 | 1510     | 740   | 900  | 640   | 360     |
| 30 | 1550     | 775   | 750  | 680   | 330     |
| 31 | 1560     | 775   | 750  | 684   | 320     |
| 32 | 1650     | 775   | 810  | 685   | 440     |
| 33 | 1800     | 780   | 900  | 690   | 440     |
| 34 | 1950     | 830   | 750  | 735   | 440     |
| 35 | 2000     | 875   | 800  | 775   | 440     |
| 36 | 2095     | 830   | 900  | 745   | 440     |
| 37 | 2250     | 880   | 880  | 780   | 440     |
| 38 | 2300     | 880   | 1000 | 790   | 440     |
| 39 | 2700     | 900   | 1150 | 800   | 440     |
| 40 | 3000     | 1030  | 830  | 920   | 500     |
| 41 | 3500     | 1035  | 950  | 925   | 500     |
| 42 | 4000     | 1035  | 1050 | 925   | 500     |
| 43 | 4500     | 1040  | 1200 | 927   | 500     |
| 44 | 5000     | 1040  | 1320 | 930   | 500     |

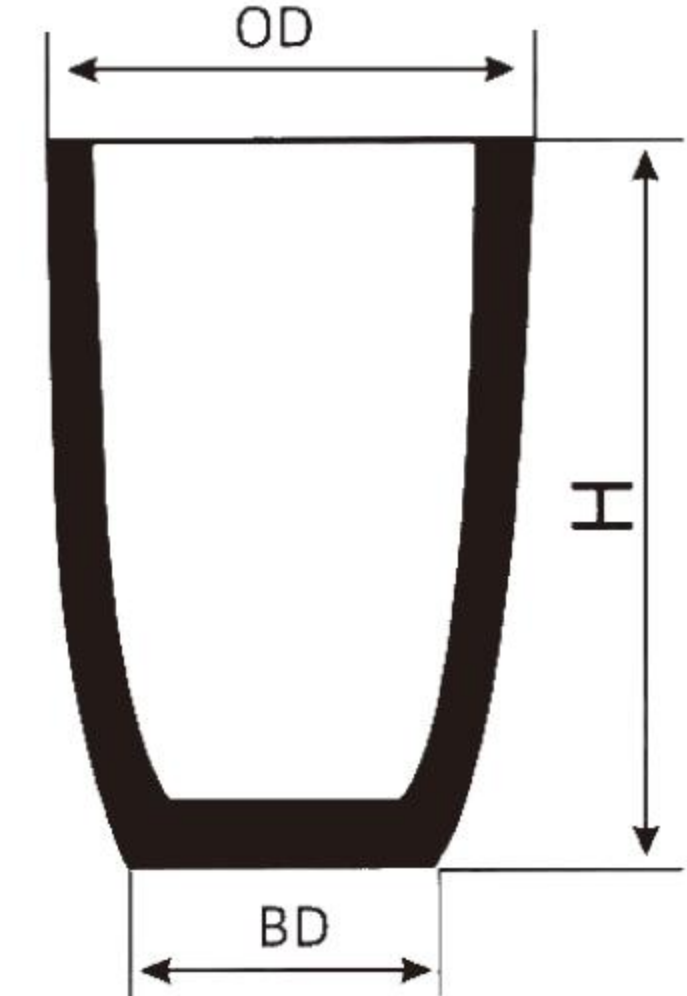


粘土坩埚产品特性指标 Clay Crucible Characteristic Index:

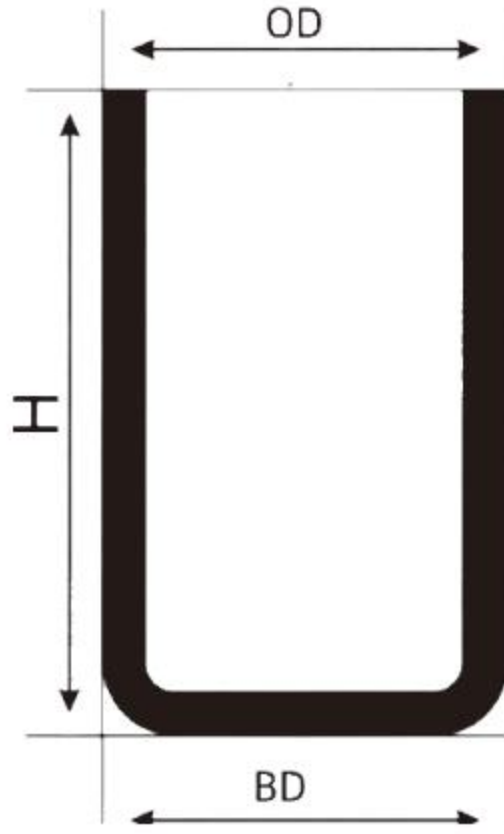
| NO        | 型号 Model | 外径 OD | 高度 H | 底部直径 BD |
|-----------|----------|-------|------|---------|
| CN210     | 570#     | 610   | 500  | 250     |
| CN250     | 760#     | 615   | 620  | 250     |
| CN300     | 802#     | 615   | 700  | 250     |
| CN350     | 803#     | 615   | 800  | 250     |
| CN400     | 910#     | 710   | 600  | 305     |
| CN410     | 1250#    | 720   | 700  | 305     |
| CN410H680 | 1200#    | 720   | 680  | 305     |
| CN420H750 | 1400#    | 720   | 750  | 305     |
| CN420H800 | 1300#    | 720   | 800  | 305     |
| CN420     | 1460#    | 720   | 900  | 305     |
| CN500     | 1550#    | 785   | 750  | 330     |
| CN600     | 1800#    | 780   | 900  | 400     |
| CN687H680 | 1900#    | 785   | 680  | 305     |
| CN687H750 | 1950#    | 825   | 750  | 305     |
| CN687     | 2095#    | 830   | 900  | 305     |
| CN750     | 2250#    | 880   | 875  | 350     |
| CN800     | 2300#    | 880   | 1000 | 350     |
| CN900     | 3200#    | 880   | 1100 | 350     |
| CN1100    | 3300#    | 880   | 1170 | 350     |



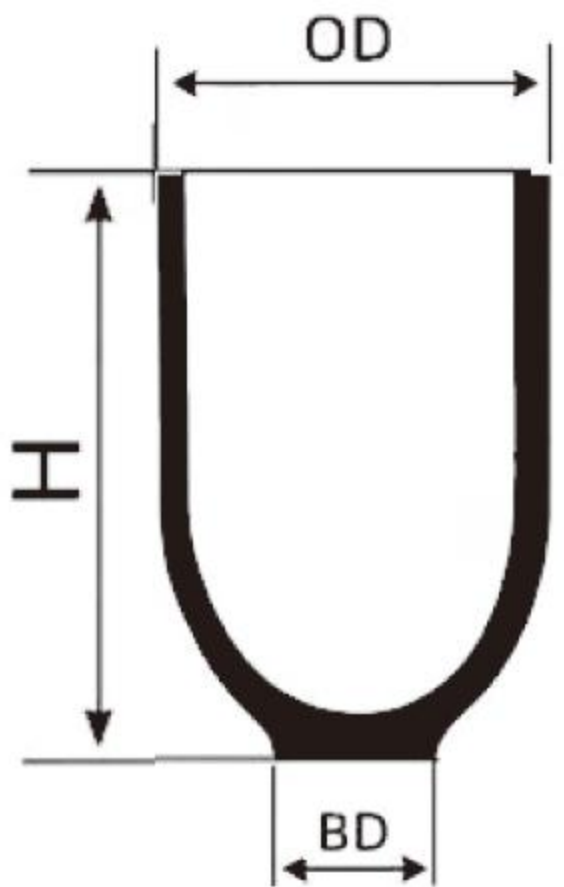
| NO    | 型号 Model | 外径 OD | 高度 H | 底部直径 BD |
|-------|----------|-------|------|---------|
| CA300 | 300#     | 440   | 450  | 210     |
| CA400 | 400#     | 500   | 600  | 300     |
| CA500 | 500#     | 520   | 660  | 300     |
| CA600 | 501#     | 520   | 700  | 300     |
| CA800 | 650#     | 560   | 800  | 320     |
| CR351 | 351#     | 435   | 650  | 250     |



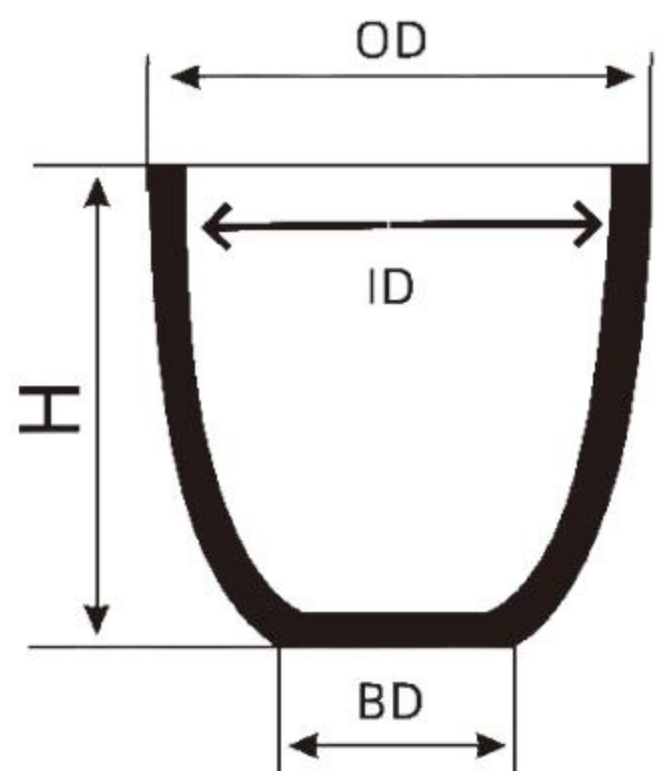
| NO         | Model | OD  | H    | BD  |
|------------|-------|-----|------|-----|
| CC1300X935 | C800# | 650 | 1300 | 620 |
| CC1200X650 | C700# | 650 | 1200 | 620 |
| CC650X640  | C380# | 640 | 650  | 620 |
| CC800X530  | C290# | 530 | 800  | 530 |
| CC510X530  | C180# | 530 | 510  | 320 |



| NO        | Model | OD  | H   | BD  |
|-----------|-------|-----|-----|-----|
| RN250     | 760#  | 615 | 630 | 250 |
| RN500     | 1600# | 785 | 750 | 330 |
| RN430     | 1500# | 725 | 900 | 320 |
| RN420     | 1400# | 725 | 800 | 320 |
| RN410H740 | 1200# | 720 | 740 | 320 |
| RN410     | 1000# | 715 | 700 | 320 |
| RN400     | 910#  | 715 | 600 | 320 |



| NO    | Model | OD  | H   | BD  |
|-------|-------|-----|-----|-----|
| CU210 | 570#  | 605 | 500 | 320 |
| CU250 | 760#  | 610 | 630 | 320 |
| CU300 | 802#  | 610 | 800 | 320 |
| CU350 | 803#  | 610 | 900 | 320 |
| CU500 | 1600# | 770 | 750 | 330 |
| CU600 | 1800# | 900 | 900 | 330 |



| NO        | Model | OD  | H   | BD  |
|-----------|-------|-----|-----|-----|
| RA100     | 100#  | 330 | 380 | 205 |
| RA200H400 | 180#  | 400 | 400 | 230 |
| RA200     | 200#  | 410 | 450 | 230 |
| RA300     | 300#  | 450 | 450 | 230 |
| RA350     | 349#  | 460 | 590 | 230 |
| RA350H510 | 345#  | 460 | 510 | 230 |
| RA400     | 400#  | 530 | 600 | 310 |
| RA500     | 500#  | 530 | 660 | 310 |
| RA600     | 501#  | 530 | 700 | 310 |
| RA800     | 650#  | 570 | 800 | 330 |
| RR351     | 351#  | 420 | 650 | 230 |

