



锦州云星工业陶瓷有限公司

Jinzhou Yunxing Industrial Ceramics Co., Ltd

- ◆ 热电偶保护管
Thermocouple protection tube
- ◆ 热电偶绝缘管
Thermocouple insulating tube
- ◆ 刚玉炉管
Alumina furnace tube
- ◆ 刚玉坩埚
Alumina crucible
- ◆ 工业瓷件
Industrial ceramic part



锦州云星工业陶瓷有限公司

Jinzhou Yunxing Industrial Ceramics Co., Ltd

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yunxingtc@yahoo.com.cn International market

企业简介

INTRODUCTION

锦州云星工业陶瓷有限公司成立于2002年，是锦州市民营科技企业。主要生产Al₂O₃含量99.3%以上的各类管状陶瓷制品及各种工业用瓷件。原座落于锦州市高新技术产业园区，2005年扩产搬迁至锦州市太和区锦营工业小区，现座落在锦州市太和区锦营工业小区为民路9号。占地面积4000m²，建筑面积2800m²。公司经过几年来的不懈努力和各界同仁的大力支持，现已发展成具有独立法人资格、自有知识产权、自主开发能力、技术独到、管理体系完备、质量上乘、服务周到的并有一定经济规模的专业陶瓷生产企业。

公司现有自主设计制造的1800℃高温窑炉3座，1400℃低温窑炉2座。成型工艺主要以注浆成型为主，并有挤出、热压铸等其它成型工艺设备，能够满足各种特异类陶瓷产品的生产制造。

公司现有员工65人，其中陶瓷专业高级工程师1人，工程师3人，并有大批长期在陶瓷行业工作的具有丰富经验的熟练的专业技术工。2010年实现产值1000万元，税金65万元，60%产品主要销往东北大学、东大传感技术有限公司、上海贺利氏电测骑士有限公司、浙江大学等国内客户，另40%产品主要销往美国、欧洲、东南亚、南非等国外客户。

目前，我公司已成为国内同行业中产品质量水平领先、出口交货值多、经济规模居前列的专业陶瓷生产企业，现正致力于开发新产品，研制新工艺，力争不断地提高产品质量，降低产品成本，以优质细化周到的宗旨服务于国内外的新老客户。

欢迎各界朋友来公司考察指导，并真诚地期待与您的合作！

锦州云星工业陶瓷有限公司

Jinzhou Yunxing Industrial Ceramics Co., Ltd

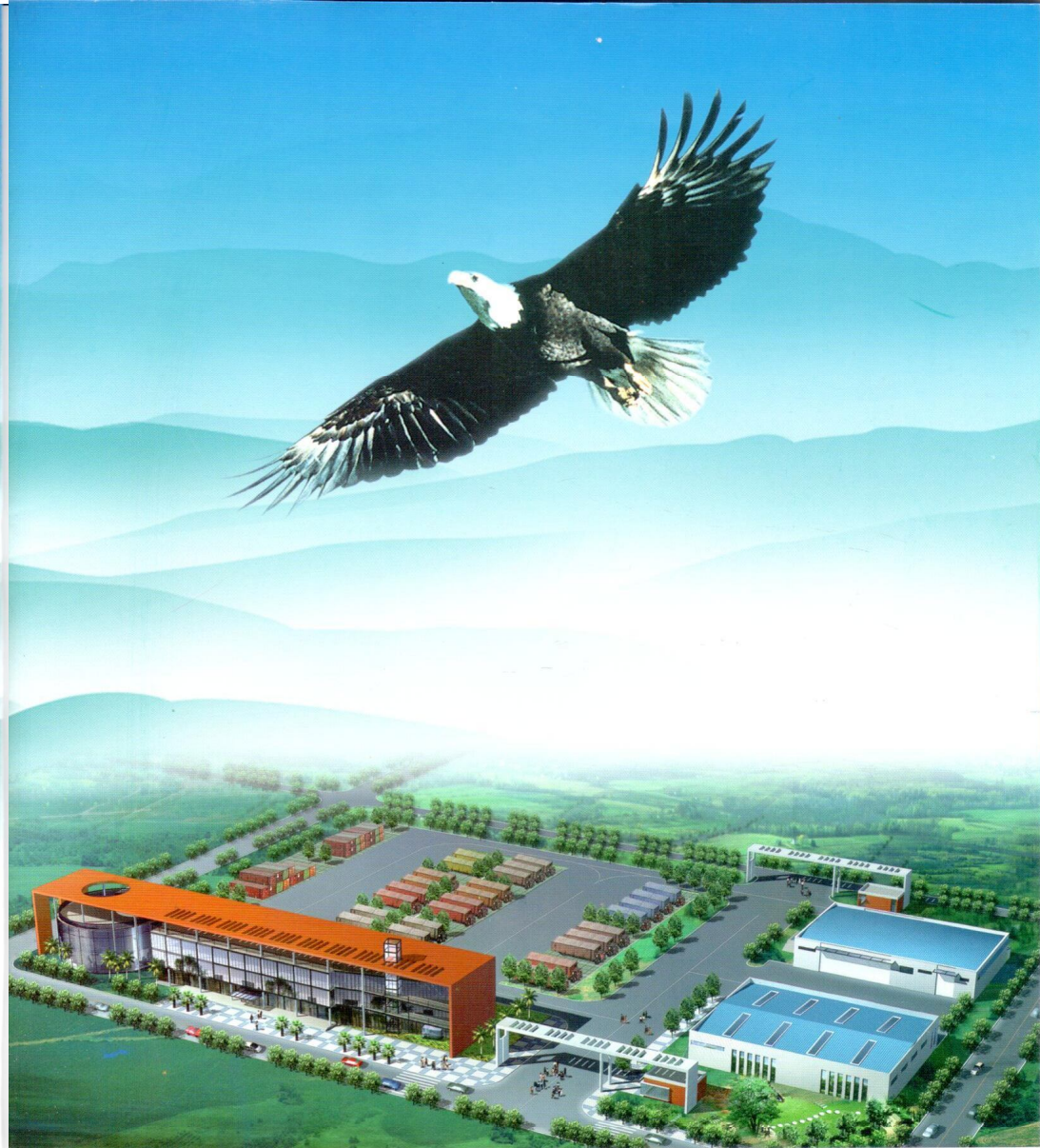
Jinzhou Yunxing Industrial Ceramics Co., Ltd, founded in 2002, is a private technology enterprise. It mainly produces various tubular-shape ceramic products and industrial ceramics whose Al₂O₃ contents are above 99.3%. Originally located in Jinzhou high technology industry park, it has moved to Jinying industrial park in Taihe District, Jinzhou City for the reason of expansion. Now Jinzhou Yunxing Industrial Ceramics Co., Ltd is located in No. 9, Weimin Road, Jinying Industrial Park, Taihe District, Jinzhou City. Occupying 4000m², its building area is 2800m². Through several years' constant efforts and various colleagues' substantial support, it has developed into a certain-scale & professional ceramics production enterprise which has independent legal entity, private intellectual property, ability to develop independently, unique technology, complete management system, superior quality and good service.

There are 3pcs 1800℃ high-temperature kilns, 2pcs 1400℃ low-temperature kilns produced by our company independently. There are slip casting (main), and extrusion molding, injection molding etc other molding technologies, which can satisfy the production requirements of various specific ceramics products.

There are now 65 people in our company, containing 1 senior engineer of ceramics domain, 3 engineers, and many technical workers which have rich experience and have worked in ceramics domain. Our production value in 2010 reached 10 million, and the taxes were 650 thousand RMB. 60% products are sold to Northeastern University, Shenyang DongDa Sensor Technology Company Limited, Heraeus Electro-Nite, Zhejiang University etc domestic customers, and the other 40% products are mainly sold to USA, Europe, Southeast Asia, South Africa etc foreign customers.

At present, our company, which has high-quality, more exports, and forefront economy scale, has become a professional ceramics manufacturer. We are now developing new products & technology, improving our product quality, reducing our product cost, and serving for new & old domestic and overseas customers in good, considerate principle.

Welcome to our company and looking forward to cooperate with you sincerely!



企业宗旨 Enterprise purpose

坚持以人为本，通过不懈努力，向客户提供一流产品
坚持科技创新，通过辛勤耕耘，为社会创造美好未来

Adhere to the people-oriented, through unremitting efforts, to provide customers with first-class products
Adhere to scientific and technological innovation, through hard work, for the community to create a better future

企业理念 Corporate philosophy

产品让客户感叹，价格让客户惊奇，服务让用户感动！

Product customer plamt, price let customers surprise, service allows users to move!



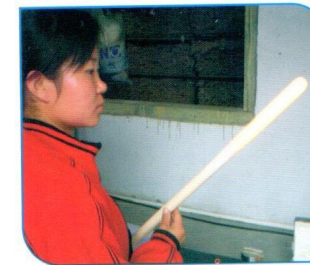
工艺流程: Process flow



创造 优质产品
共享 完美成果



密度及吸水率测试



耐急冷急热性检验



电光分析天平



测试炉



2010/8/17 17

我们的包装 Package



我们的库房 Warehouse



刚玉质保护管具有耐高温、绝缘、气密性好等特点，广泛应用于热电偶外保护管、辐射测温外套管等领域。
With good thermostability, insulation, air tightness etc properties, ceramic protection tubes are widely used in thermocouple, radiation temperature measurement etc fields.

成分表
Ingredients

| 名称 Name | 含量 Content(%) |
|------------------------------------|---------------|
| Al ₂ O ₃ | 99.3-99.5 |
| SiO ₂ | 0.1-0.35 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.11-0.15 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |

型号表
Model Table

保护管
PROTECTION TUBE

| 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM | 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM |
|--------------|--------------------------|----------|-------------------|--------------|--------------------------|-----------|-------------------|
| | 英寸 INCH | 毫米 MM | | | 英寸 INCH | 毫米 MM | |
| 1 | 0.197*0.118 | 5*3 | 50-300 | 19 | 0.551*0.394 | 14*10 | 50-1750 |
| 2 | 0.236*0.157 | 6*4 | | 20 | 0.591*0.394 | 15*10 | |
| 3 | 0.250*0.125 | 6.4*3.2 | | 21 | 0.591*0.433 | 15*11 | |
| 4 | 0.250*0.157 | 6.4*4 | | 22 | 0.630*0.472 | 16*12 | |
| 5 | 0.250*0.188 | 6.4*4.8 | 50-1300 | 23 | 0.669*0.472 | 17*12 | |
| 6 | 0.276*0.157 | 7*4 | | 24 | 0.688*0.437 | 17.5*11.1 | |
| 7 | 0.276*0.197 | 7*5 | | 25 | 0.750*0.512 | 19.1*13 | |
| 8 | 0.315*0.197 | 8*5 | | 26 | 0.750*0.500 | 19.1*12.7 | |
| 9 | 0.354*0.236 | 9*6 | 50-1550 | 27 | 0.787*0.591 | 20*15 | |
| 10 | 0.375*0.250 | 9.6*6.4 | | 28 | 0.866*0.630 | 22*16 | |
| 11 | 0.394*0.236 | 10*6 | | 29 | 0.866*0.669 | 22*17 | |
| 12 | 0.394*0.276 | 10*7 | | 30 | 0.945*0.709 | 24*18 | |
| 13 | 0.433*0.276 | 11*7 | 50-1750 | 31 | 1.000*0.750 | 25.4*19.1 | |
| 14 | 0.472*0.236 | 12*6 | | 32 | 1.063*0.669 | 27*17 | |
| 15 | 0.472*0.315 | 12*8 | | 33 | 1.063*0.787 | 27*20 | |
| 16 | 0.472*0.355 | 12*9 | | 34 | 1.126*0.886 | 28.6*22.5 | |
| 17 | 0.500*0.250 | 12.7*6.4 | | 35 | 1.181*0.827 | 30*21 | |
| 18 | 0.500*0.375 | 12.7*9.5 | | 36 | 1.181*0.906 | 30*23 | |



大口径的刚玉质保护管具有耐高温、耐腐蚀、耐气流冲刷、气密性好等特点，广泛应用于真空炉、测温、传感器保护等行业。
With good thermostability, flow erosion resistance, air tightness etc properties, large-diameter protection tubes are widely used in vacuum furnace, temperature measurement, sensor protection, etc industries.



刚玉质双孔绝缘管具有耐高温、绝缘、高温稳定性好等特点，大量应用于B型、S型及新式钨铼型热电偶的套丝管。
With good thermostability, insulation, temperature stability etc properties, 2 bores ceramic insulators are mainly used in B-type, S-type and new type tungsten-rhenium thermocouple sleeves.

成分表
Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3-99.5 |
| SiO ₂ | 0.1-0.35 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.11-0.15 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |

成分表
Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.15-0.3 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |

型号表
Model Table

保护管
PROTECTION TUBE

| 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM | 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM |
|--------------|--------------------------|-----------|----------------------|--------------|--------------------------|-----------|----------------------|
| | 英寸 INCH | 毫米 MM | | | 英寸 INCH | 毫米 MM | |
| 1 | 1.260*0.984 | 32*25 | 50-1750 | 15 | 2.283*1.890 | 58*48 | 50-1750 |
| 2 | 1.375*1.125 | 34.9*28.6 | | 16 | 2.362*1.969 | 60*50 | |
| 3 | 1.378*1.063 | 35*27 | | 17 | 2.500*2.250 | 63.5*57.2 | |
| 4 | 1.496*1.181 | 38*30 | | 18 | 2.559*2.165 | 65*55 | |
| 5 | 1.500*1.250 | 38.1*31.8 | | 19 | 2.750*2.500 | 69.9*63.5 | |
| 6 | 1.575*1.181 | 40*30 | | 20 | 2.756*2.362 | 70*60 | |
| 7 | 1.654*1.339 | 42*34 | | 21 | 2.956*2.561 | 75*65 | |
| 8 | 1.750*1.500 | 44.5*38.1 | | 22 | 3.000*2.750 | 76*70 | |
| 9 | 1.811*1.496 | 46*38 | | 23 | 3.150*2.675 | 80*68 | |
| 10 | 1.875*1.625 | 47.6*41.3 | | 24 | 3.500*3.125 | 89*79.5 | |
| 11 | 1.969*1.575 | 50*40 | | 25 | 3.500*3.250 | 89*82.5 | |
| 12 | 2.000*1.575 | 50.8*40 | | 26 | 4.000*3.650 | 101.5*93 | |
| 13 | 2.000*1.750 | 50.8*44.5 | | 27 | 4.500*4.125 | 114.5*105 | |
| 14 | 2.250*2.000 | 57.2*50.8 | | | | | |

型号表
Model Table

双孔绝缘管
2 BORES INSULATORS

| 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM |
|--------------|--------------------------|----------|----------------------|
| | 英寸 INCH | 毫米 MM | |
| 1 | 0.039*0.008 | 1*0.2 | 50-1750 |
| 2 | 0.063*0.012 | 1.6*0.3 | |
| 3 | 0.079*0.020 | 2*0.5 | |
| 4 | 0.118*0.028 | 3*0.7 | |
| 5 | 0.158*0.039 | 4*1 | |
| 6 | 0.197*0.047 | 5*1.2 | |
| 7 | 0.236*0.059 | 6*1.5 | |
| 8 | 0.315*0.079 | 8*2 | |
| 9 | 0.394*0.138 | 10*3.5 | |
| 10 | 0.473*0.158 | 12*4 | |



刚玉质四孔绝缘管具有双孔管的一切特点，并可实现一点双偶测温。
With all the properties of 2 bores insulators, one-point two-temperature is also realizable in 4 bores ceramic insulators.



刚玉质多孔管具有双孔管的一切特点，并可实现一点多偶测温。
With all the properties of 2 bores insulators, one-point numerous-temperature is also realizable in porous ceramic insulators.

成分表

Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.15-0.3 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |

成分表

Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.15-0.3 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |

型号表

Model Table

四孔绝缘管 4 BORES INSULATORS

| 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM |
|--------------|--------------------------|----------|-------------------|
| | 英寸 INCH | 毫米 MM | |
| 1 | 0.063*0.014 | 1.6*0.35 | 50-1250 |
| 2 | 0.100*0.020 | 2.5*0.5 | 50-1500 |
| 3 | 0.118*0.020 | 3*0.5 | 50-1750 |
| 4 | 0.158*0.032 | 4*0.8 | |
| 5 | 0.236*0.059 | 6*1.5 | |
| 6 | 0.315*0.079 | 8*2 | |
| 7 | 0.394*0.079 | 10*2 | |
| 8 | 0.473*0.138 | 12*3.5 | |





不同长度及直径的刚玉质双孔瓷珠、椭圆双孔瓷柱可保证任意结构形式的装配要求。
With different length and diameter, 2 bores ceramic beads and oval knobs could satisfy any assembly requirement.



刚玉质球形双孔瓷珠可实现热电偶复杂条件下的转弯、回转、扭曲等测温要求。
2 bores round ceramic beads used in thermocouple could satisfy the turning, gyration, warping etc measurement requirement in complex conditions.

成分表

Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.15-0.3 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |

成分表

Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.15-0.3 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |



型号表

Model Table

球形双孔瓷珠
2 bores round ceramic beads

| 序号 Number | 外径 OD | 孔径 BORE DIAMETER |
|--------------|----------|---------------------|
| 1 | 4 | 1.2 |
| 2 | 6.3 | 1.5 |
| 3 | 8 | 2 |
| 4 | 10 | 3 |



壁厚均匀一致的刚玉质通管具有耐高温、绝缘、耐腐蚀及高温稳定性好等特点，广泛应用于套丝管、绕丝管、吹氧（氮等）管等。
Ceramic tubes with uniform wall thickness, which have good thermostability, insulation, corrosion resistance and temperature stability etc properties, are widely used in thread tubes, forming tube, and oxygen(nitrogen) tube etc.



刚玉质通管具有耐高温、耐腐蚀、气密性好，急冷急热性好等特点，广泛应用于各种工业炉领域，做炉管、支撑、穿线、绝缘等用途。
With good thermostability, corrosion resistance, air tightness, thermal shock resistance etc properties, ceramic tubes are widely used in various industrial furnace for supporting, threading and insulation etc purpose.

成分表 Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.15-0.3 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |

成分表 Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3-99.5 |
| SiO ₂ | 0.1-0.35 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.11-0.15 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |

型号表 Model Table

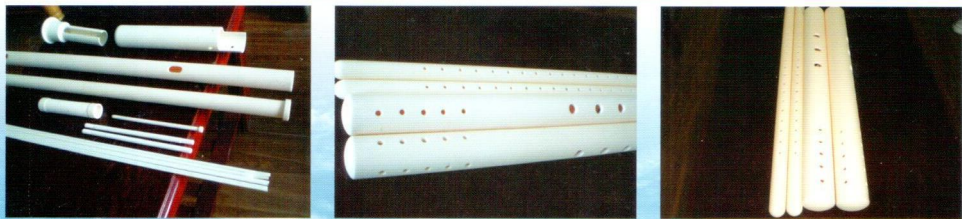
通管（注浆） ALUMINA TUBE (CASTING)

| 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM | 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM |
|--------------|--------------------------|-----------|-------------------|--------------|--------------------------|-----------|-------------------|
| | 英寸 INCH | 毫米 MM | | | 英寸 INCH | 毫米 MM | |
| 1 | 0.197*0.118 | 5*3 | 50-300 | 33 | 1.063*0.787 | 27*20 | 50-1750 |
| 2 | 0.236*0.118 | 6*3 | 50-1300 | 34 | 1.126*0.886 | 28.6*22.5 | |
| 3 | 0.236*0.157 | 6*4 | | 35 | 1.181*0.827 | 30*21 | |
| 4 | 0.250*0.125 | 6.4*3.2 | | 36 | 1.181*0.906 | 30*23 | |
| 5 | 0.250*0.157 | 6.4*4 | | 37 | 1.260*0.984 | 32*25 | |
| 6 | 0.250*0.188 | 6.4*4.8 | | 38 | 1.375*1.125 | 34.9*28.6 | |
| 7 | 0.276*0.157 | 7*4 | | 39 | 1.378*1.063 | 35*27 | |
| 8 | 0.276*0.197 | 7*5 | 40 | 1.496*1.181 | 38*30 | | |
| 9 | 0.315*0.197 | 8*5 | 41 | 1.500*1.250 | 38.1*31.8 | | |
| 10 | 0.354*0.236 | 9*6 | 42 | 1.575*1.181 | 40*30 | | |
| 11 | 0.375*0.250 | 9.6*6.4 | 43 | 1.654*1.339 | 42*34 | | |
| 12 | 0.394*0.236 | 10*6 | 44 | 1.750*1.500 | 44.5*38.1 | | |
| 13 | 0.394*0.276 | 10*7 | 45 | 1.811*1.496 | 46*38 | | |
| 14 | 0.433*0.276 | 11*7 | 46 | 1.875*1.625 | 47.6*41.3 | | |
| 15 | 0.472*0.236 | 12*6 | 47 | 1.969*1.575 | 50*40 | | |
| 16 | 0.472*0.315 | 12*8 | 48 | 2.000*1.575 | 50.8*40 | | |
| 17 | 0.472*0.355 | 12*9 | 49 | 2.000*1.750 | 50.8*44.5 | | |
| 18 | 0.500*0.250 | 12.7*6.4 | 50 | 2.250*2.000 | 57.2*50.8 | | |
| 19 | 0.500*0.375 | 12.7*9.5 | 51 | 2.283*1.890 | 58*48 | | |
| 20 | 0.551*0.394 | 14*10 | 52 | 2.362*1.969 | 60*50 | | |
| 21 | 0.591*0.394 | 15*10 | 53 | 2.500*2.250 | 63.5*57.2 | | |
| 22 | 0.591*0.433 | 15*11 | 54 | 2.559*2.165 | 65*55 | | |
| 23 | 0.630*0.472 | 16*12 | 55 | 2.750*2.500 | 69.9*63.5 | | |
| 24 | 0.669*0.472 | 17*12 | 56 | 2.756*2.362 | 70*60 | | |
| 25 | 0.688*0.437 | 17.5*11.1 | 57 | 2.956*2.561 | 75*65 | | |
| 26 | 0.750*0.512 | 19.1*13 | 58 | 3.000*2.750 | 76*70 | | |
| 27 | 0.750*0.500 | 19.1*12.7 | 59 | 3.150*2.675 | 80*68 | | |
| 28 | 0.787*0.591 | 20*15 | 60 | 3.500*3.125 | 89*79.5 | | |
| 29 | 0.866*0.630 | 22*16 | 61 | 3.500*3.250 | 89*82.5 | | |
| 30 | 0.866*0.669 | 22*17 | 62 | 4.000*3.650 | 101.5*93 | | |
| 31 | 0.945*0.709 | 24*18 | 63 | 4.500*4.125 | 114.5*105 | | |
| 32 | 1.000*0.750 | 25.4*19.1 | | | | | |
| | 1.063*0.669 | 27*17 | | | | | |

型号表 Model Table

通管（挤压） ALUMINA TUBE (EXTRUSION)

| 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM | 序号 Number | 规格: 外径*内径 SPEC: OD*ID | | 长度毫米 LENGTH MM |
|--------------|--------------------------|----------|-------------------|--------------|--------------------------|----------|-------------------|
| | 英寸 INCH | 毫米 MM | | | 英寸 INCH | 毫米 MM | |
| 1 | 0.039*0.020 | 1*0.5 | 50-1250 | 14 | 0.276*0.157 | 7*4 | 50-1750 |
| 2 | 0.059*0.031 | 1.5*0.8 | | 15 | 0.276*0.197 | 7*5 | |
| 3 | 0.079*0.039 | 2*1 | | 16 | 0.315*0.197 | 8*5 | |
| 4 | 0.100*0.050 | 2.5*1.3 | 17 | 0.354*0.236 | 9*6 | | |
| 5 | 0.118*0.059 | 3*1.5 | 18 | 0.375*0.250 | 9.6*6.4 | | |
| 6 | 0.125*0.063 | 3.2*1.6 | 19 | 0.394*0.236 | 10*6 | | |
| 7 | 0.157*0.079 | 4*2 | 20 | 0.394*0.276 | 10*7 | | |
| 8 | 0.197*0.118 | 5*3 | 21 | 0.433*0.276 | 11*7 | | |
| 9 | 0.236*0.118 | 6*3 | 22 | 0.472*0.236 | 12*6 | | |
| 10 | 0.236*0.157 | 6*4 | 23 | 0.472*0.315 | 12*8 | | |
| 11 | 0.250*0.125 | 6.4*3.2 | 24 | 0.472*0.355 | 12*9 | | |
| 12 | 0.250*0.157 | 6.4*4 | 25 | 0.500*0.250 | 12.7*6.4 | | |
| 13 | 0.250*0.188 | 6.4*4.8 | 26 | 0.500*0.375 | 12.7*9.5 | | |



对刚玉质保护管、通管可进行钻孔、开槽、磨削等加工，以实现通气、绕丝及特殊装配等要求。
Holes drilling, slotting and grinding etc processing to ceramic tubes (OBE & COE) could achieve the ventilating, wire winding etc specific assembly requirement

成分表
Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3-99.5 |
| SiO ₂ | 0.1-0.35 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.11-0.15 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |



可根据用户要求做成等壁厚的锥形、法兰形等异形管，并也可进行粘接等特殊加工。
Uniform wall thickness conical, flange shape etc specific tubes, as well as bonding etc specific processing, could be made according to customers' Requirement.

成分表
Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3-99.5 |
| SiO ₂ | 0.1-0.35 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.11-0.15 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |





刚玉质实心棒具有密度高、耐火度高、耐腐蚀、机械性能好等特点，广泛应用于化纤、纺织、化工等行业。
With high density & refractoriness, good corrosion resistance, mechanical capacity etc properties, ceramic rods are widely used in chemical fiber, textile and chemical etc industries.



刚玉质坩埚具有耐腐蚀、耐火度高、化学稳定性好等特点，用于冶金、化工、电子、玻璃、造纸等行业。
With high refractoriness, good corrosion resistance, and chemical stability etc properties, ceramic crucibles are mainly used in metallurgy, chemical, electronic, glass, paper, etc industries.

成分表

Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3-99.5 |
| SiO ₂ | 0.1-0.35 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.11-0.15 |
| Fe ₂ O ₃ | <0.05 |
| 其它Others | <0.05 |



成分表

Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99.3-99.5 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.2-0.35 |
| Fe ₂ O ₃ | <0.1 |
| 其它Others | <0.05 |

型号表

Model Table

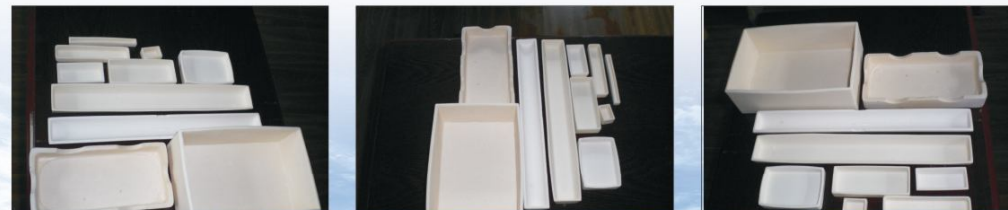
坩埚

Crucibles

| 序号 Number | 规格外径*内径*高 SPEC OD*ID*H | 容量 ML (CC) | 形状 Shape |
|--------------|---------------------------|-----------------|-------------------|
| 1 | 9.4*8*15 | 0.7 | 直形 Cylindrical |
| 2 | 16*10-12*30 | 2.5 | 直形 Cylindrical |
| 3 | 18*12-14*30 | 3.5 | 直形 Cylindrical |
| 4 | 14*9*50 | 3 | 直形 Cylindrical |
| 5 | 20*14-16*40 | 6.5 | 直形 Cylindrical |
| 6 | 24*20*23 | 7 | 直形 Cylindrical |
| 7 | 25*20*25 | 7 | 直形 Cylindrical |
| 8 | 30*24-26*30 | 13 | 直形 Cylindrical |
| 9 | 31*27*41 | 22 | 直形 Cylindrical |
| 10 | 36*25*59 | 26 | 直形 Cylindrical |
| 11 | 35*30*132 | 90 | 直形 Cylindrical |
| 12 | 50*46*60 | 90 | 直形 Cylindrical |
| 13 | 56*51*60 | 117 | 直形 Cylindrical |
| 14 | 60*55*60 | 130 | 直形 Cylindrical |
| 15 | 40*35*154 | 140 | 直形 Cylindrical |
| 16 | 110*102*140 | 1000 | 直形 Cylindrical |
| 17 | 115*105*145 | 1200 | 直形 Cylindrical |
| 18 | 115*98*181 | 1280 | 直形 Cylindrical |
| 19 | 120*110*140 | 1280 | 直形 Cylindrical |
| 20 | 125*115*145 | 1400 | 直形 Cylindrical |
| 21 | 127*121*228 | 2500 | 直形 Cylindrical |
| 22 | 171.5*158.8*152.4 | 3000 | 直形 Cylindrical |



刚玉质坩埚具有耐腐蚀、耐火度高、化学稳定性好等特点，用于冶金、化工、电子、玻璃、造纸等行业。
With high refractoriness, good corrosion resistance, and chemical stability etc properties, ceramic crucibles are mainly used in metallurgy, chemical, electronic, glass, paper, etc industries.



刚玉质瓷舟用于冶金、化工、电子、玻璃、造纸等行业，具有耐腐蚀、耐火度高、化学稳定性好等特点。
With high refractoriness, good corrosion resistance, and chemical stability etc properties, ceramic boats are mainly used in metallurgy, chemical, electronic, glass, paper, etc industries.

成分表

Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99-99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.2-0.35 |
| Fe ₂ O ₃ | <0.1 |
| 其它Others | <0.05 |

成分表

Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99-99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.2-0.35 |
| Fe ₂ O ₃ | <0.1 |
| 其它Others | <0.05 |

型号表

Model Table

坩埚
Crucibles

| 序号 Number | 规格上口外径/底部外径*内径*高 SPEC UPPER OD/UNDER OD*ID*H | 容量 ML(CC) | 形状 Shape |
|--------------|---|--------------|---------------|
| 1 | 34/20*29*40 | 20 | 锥形 Conical |
| 2 | 40/24*36*38 | 25 | 锥形 Conical |
| 3 | 40/22*36*48 | 40 | 锥形 Conical |
| 4 | 60/40*56*70 | 130 | 锥形 Conical |
| 5 | 68/34*61.6*56.5 | 125 | 锥形 Conical |
| 6 | 78/46*74*90 | 300 | 锥形 Conical |
| 7 | 100/77*94*80 | 400 | 锥形 Conical |
| 8 | 90/40*82*130 | 600 | 锥形 Conical |
| 9 | 95/85*85*110 | 1000 | 锥形 Conical |
| 10 | 120/77*108*160 | 1400 | 锥形 Conical |

型号表

Model Table

瓷舟及瓷盘
Boats and Dishes

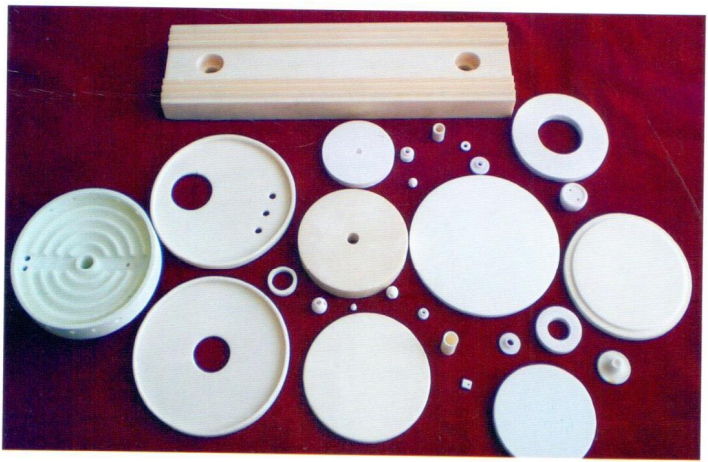
| 序号 Number | 规格长*宽*高*壁厚 L*W*H*WT | 备注 |
|--------------|------------------------|------------------------------|
| 1 | 30*20*15*δ2 | 长方形 Rectangle |
| 2 | 45*13/11*9 | 船型带耳 Boat shape with ears |
| 3 | 48*50/10 | 梯形 Trapezoid |
| 4 | 50*10*10*δ2 | 长方形 Rectangle |
| 5 | 62*32/22*16*δ2 | 梯形 Trapezoid |
| 6 | 65*55*65*δ5 | 长方形 Rectangle |
| 7 | 80*50*7*δ1.5 | 长方形 Rectangle |
| 8 | 80*55*15*δ2.5 | 长方形 Rectangle |
| 9 | 84*13/11*8 | 船型带耳 Boat shape with ears |
| 10 | 100*10*10*δ2 | 长方形 Rectangle |
| 11 | 100*20*20*δ2 | 长方形 Rectangle |
| 12 | 100*30*30*δ1.5 | 长方形 Rectangle |
| 13 | 100*40*18*δ2 | 长方形 Rectangle |
| 14 | 100*50*30*δ4 | 长方形 Rectangle |
| 15 | 105*22*14*δ2 | 长方形 Rectangle |
| 16 | 184*123*62*δ5 | 长方形 Rectangle |
| 17 | 200*100*50*δ2 | 长方形 Rectangle |
| 18 | 300*36*18*δ3 | 长方形 Rectangle |
| 19 | 300*45/30*20*δ2 | 梯形 Trapezoid |



刚玉质瓷件具有耐高温、耐腐蚀、急冷急热性好、机械强度高、电性能优越等特点，广泛应用于工业装备制造等领域。
With good thermostability, corrosion resistance, thermal shock resistance, high mechanical strength, excellent electrical property etc, ceramic parts are widely used in industrial equipment manufacturing industries.

成分表
Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99-99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.2-0.35 |
| Fe ₂ O ₃ | <0.1 |
| 其它Others | <0.05 |



刚玉质瓷板、块，具有密度高、耐磨性好、耐腐蚀、化学稳定性高等特点，大量应用于脱壳机叶片、纺织行业导丝轮、陶瓷导轨等。
With high density, good abrasive resistance, corrosion resistance, high chemical stability etc properties, ceramic plates & blocks are largely used in sheller blade, godet wheel in textile industry, ceramic guide etc fields.

成分表
Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99-99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.2-0.35 |
| Fe ₂ O ₃ | <0.1 |
| 其它Others | <0.05 |





刚玉质球磨罐具有耐磨性好，耐腐蚀，磨耗小等特点，用于实验室及特殊粉料的研磨制备。
With good abrasive resistance, corrosion resistance, low wear etc properties, ceramic jar mills are mainly used in the grinding preparation of specific powder in laboratory.

成分表 Ingredients

| 名称Name | 含量Content(%) |
|------------------------------------|--------------|
| Al ₂ O ₃ | 99-99.3 |
| SiO ₂ | 0.3-0.5 |
| CaO+MgO | 0.2-0.3 |
| K ₂ O+Na ₂ O | 0.2-0.35 |
| Fe ₂ O ₃ | <0.1 |
| Others | <0.05 |

型号表 Model Table

刚玉质球磨罐
ceramic jar mills

| 序号 Number | 外径 OD | 内径 ID | 高 H | 容量 ML | 盖 CAP | 坩埚/盖代号 CRUCIBLE/ CAPS Number |
|--------------|----------|----------|--------|----------|------------------|------------------------------------|
| 1 | 48.5 | 40 | 64 | 80-100 | 48.5/39*10.5/8.2 | 148#/147# |
| 2 | 91 | 75 | 79 | 250 | 92/72.5*11.2/6.2 | 186#/185# |
| 3 | 104/89 | 88 | 98 | 500 | 107/83*15/9.5 | 071#/106# |

资质荣誉 专业认证 品质保证

APTITUDE & HONORS
professional certification ensure of quality

精诚所至，金石为开。在数年研发的历程中，我们历经磨砺，付出汗水，赢得了无数赞誉，换来了硕果累累。荣誉见证了过往的努力，新的目标、新的挑战还有待我们去实现和超越！

Faith moves mountains. In a few years, our research is the process of refined, and pay after sweat, has won numerous accolades for rewarding. Honor witnessed past efforts, the new target, a new challenge remains to be us to realize and beyond!

