



Zibo Ning Thai Ceramic Co.,Ltd

Company Introduction



Zibo Ning Thai Ceramic Co., Ltd is located in Zibo City, Shandong province of China which has been specialized in fine ceramics since 2010. We always focus on the products sales and technology service of fine ceramics. Fused silica rollers for glass tempering furnace, fused silica tweels and flat arches for float glass production line, high temperature alumina ceramic roller used in roller kiln for ceramic tiles production, ceramic bearing, ceramic fiber board. All these products are used in their industries such as glass, ceramics, steel, mine, power and chemical with irreplaceable roles.

In the new international circumstance, we devote to accelerate expanding the market of overseas. Currently, we have built the business relationships with the customers of Germany, Netherland, Russia, Kuwait, Lebanon, UAE, India, Poland, France, Turkey, Africa, South America and so on. We always can supply the effective solution of fine ceramic field with high quality products and good service to meet the requirements of customers.

Fused Silica Roller for Glass Tempering Furnace



Fused silica rollers for horizontal glass tempering furnaces are key components of glass horizontal tempering furnaces for glass support and transportation.



Advantages:

- Excellent thermal shock resistance.
- High density and strength.
- No deformation at high temperature.
- Smooth and fine surface, little T.I.R. and high processing precision assures no harm to the glass surface.
- Special design and assembly to resolve the problem of end-caps loosing absolutely.
- Long service life.

Technical Specification of Fused Silica Roller

Spec.	Unit	Content
SiO ₂	Wt%	≥99.5%
Bulk Density	g/cm ³	1.90-1.99
Apparent Porosity	%	7--11
Compressive Strength	MPa	≥60
Bending Strength	MPa	≥25
High Temperature Bending Strength	MPa	≥30
Thermal Expansion	×10 ⁻⁶ /°C	≤0.6
Thermal Conductivity	w/m. °C	0.65
Cristobalite	%	≤2
Surface Roughness	u m	Ra≤2.0
Diameter Tolerance	mm	±0.05
Circular Runout (T.I.R.)	mm	≤0.15

Fused Silica Tweels and Flat Arches



Fused silica tweels and flat arches are used in float glass production line gate flow channel. We can supply tweels and flat arches according to customers' technical requests.

Advantages:

- Produced according to the drawing and technical requirements of customers.
- High density, high strength and no bubbles
- Excellent thermal shock resistance
- Excellent erosion of molten glass
- High refractoriness
- Well-distributed micropore, good homogeneity.
- Long service life.



Properties of Tweels and Flat Arches

Spec.	Unit	Content
SiO ₂	Wt%	≥99.5%
Bulk Density	g/cm ³	1.8—1.9
Apparent Porosity	%	14--17
Compressive Strength	MPa	≥60
Thermal Expansion	×10 ⁻⁶ /°C	≤0.6
Thermal Conductivity	w/m. °C	0.65
Refractoriness	°C	1650

Fused Silica Hollow Roller



Fused silica hollow rollers are used in silicon steel annealing furnaces as bottom rollers, replacing traditional graphite carbon housing and ceramic coating rollers to solve the problems of surface oxidation, nodulation, etc. It can avoid frequent replacement of rollers, promoting production efficiency and steel sheet surface quality.



Advantages:

- High density
- High strength
- No bubbles
- Produced according to the drawing and customers furnaces requirements

Alumina Ceramic Roller



Item	Unit	Technical Data
AL ₂ O ₃	%	78--80
Water Absorption	%	5--7
Bending Strength	Mpa	60--70
Bulk Density	g/cm ³	2.7--2.9
Thermal Expansion	10 ⁻⁶ /°C	6.1—6.6
Thermal Shock Resistance	----	Excellent
Max Service Temperature	°C	1300

Ceramic Fiber Board & Blanket

Ceramic fiber board is specially produced by ceramic fiber cotton with the vacuum shaping process. It is the better heat resistance performance inside and outside of furnace and is suitable for back lining and fire touch surface of different furnace. It is a high-strength fiber board which is produced by specific fire-resisting additive.



Contact us...

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