

LONGXIN
隆鑫刚玉制品

Zhangqiu Longxin Corundum Products Co.,Ltd

☆☆ Bio Ceramic Ball Manufacturer☆☆

Company history

1993

Established in 1993, mainly products all kinds of Aluminum Oxide Ceramic ball

2008

Research and development bio ceramic ball for water purify

2012

Research and develop own projects according to market and customer needs

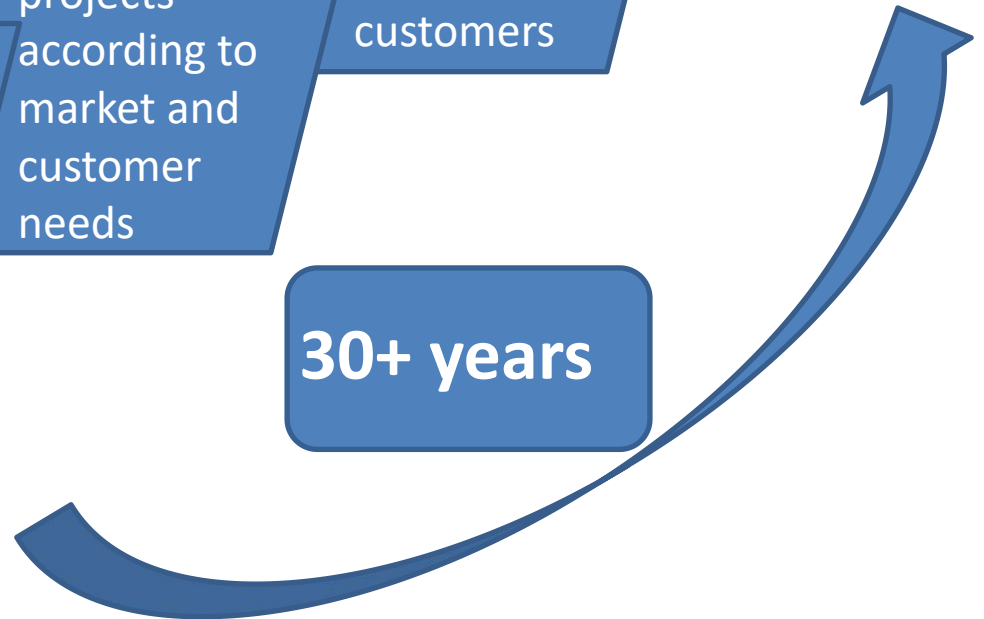
2014

Apply for patents, SGS, CE and others, gain the trust of more domestic and foreign customers

Since 2017

More than 40 kinds of products and customized products, more new products are under development

30+ years





Zhangqiu longxin Corundum Products Co.,Ltd was established in 1992(the original name is Zhangqiu Fuli Corundum Products Co.,ltd), the factory located in Zhangqiu District Jinan City Shandong Province, which covers more than *20,000 square meters*.The main production are hydrogen water materials, ORP ceramic ball, micro-porous antibacterial ceramic ball, MPH alkaline ceramic ball, Maifan ceramic ball, far infrared ceramic ball, Nano silver anti-bacterial ceramic ball, chlorine remove ceramic ball and so on. They are widely used in water treatment industry, air purification, condensate treatment industry for water purifier, functional faucet, sprinkler, bath, health and fitness, cultivation of flowers and plants.

We have more than 10 patents and our products have passed the ISO/CE/FDA/SGS system certifications, we adhere to scientific and technological innovation, pragmatic professional, keep improving, our effort have won more and more clients from all over the world, such as Japan, Korea, Malaysia, USA, Canada, Egypt etc.

Ceramic Ball Product List LX-CPXXX Series

- | | | | |
|------------|--|------------|-------------------------------|
| ★ LX-CP001 | Chlorine Romove Ceramic Ball | ★ LX-CP013 | Magnetic Energy Ceramic Ball |
| ★ LX-CP002 | Hydrogen Ceramic Ball | ★ LX-CP014 | Hydrogen Tea Bag |
| ★ LX-CP003 | MPH+Alkaline Ceramic Ball | ★ LX-CP015 | Aluminium Ceramic Ball |
| ★ LX-CP004 | Antibacterial Ceramic Ball | ★ LX-CP016 | Activated Carbon Ceramic Ball |
| ★ LX-CP005 | ORP Ceramic Ball | ★ LX-CP017 | VC Ceramic Ball |
| ★ LX-CP006 | Tourmaline Ceramic Ball | ★ LX-CP018 | White Mineral Ceramic Ball |
| ★ LX-CP007 | Far Infrared Ceramic Ball | ★ LX-CP019 | High Frequency Ceramic Ball |
| ★ LX-CP008 | Zeolite Ceramic Ball | ★ LX-CP020 | High Calcium Ceramic Ball |
| ★ LX-CP009 | Maifan Stone Ceramic Ball | ★ LX-CP021 | Volcanic Oil Suction Ball |
| ★ LX-CP010 | MPH+Condensed Water Neutralize Ceramic Ball | | |
| ★ LX-CP011 | Nano Silver Antibacterial Ceramic Ball | | |
| ★ LX-CP012 | Modified Sliver Ion antibacterial Ceramic Ball | | |

Ceramic Ball Product List LX-CPXXX Series

- ★ LX-CP022 Mineral Water Ceramic Ball
- ★ LX-CP023 Magnesium Ball
- ★ LX-CP024 Matasilicic Alkaline Ball
- ★ LX-CP025 Terahertz Ball
- ★ LX-CP026 Hot Spring Bath Ball
- ★ LX-CP027 Absorption Ceramic Ball
- ★ LX-CP028 Small Molecule Ball
- ★ LX-CP029 Heat Storage Ball
- ★ LX-CP030 Fe₂O₃ Ceramic Ball
- ★ LX-CP031 Pearl Calcium Alkaline Ceramic Ball
- ★ LX-CP032 Color Ceramic Ball
- ★ LX-CP033 MPH+ Alkaline Disc
- ★ LX-CP034 Health Supplies Ball
- ★ LX-CP035 Black Mineral Ball
- ★ LX-CP036 Oil Cut Ceramic Ball
- ★ LX-CP037 Black Ceramic Ball
- ★ LX-CP038 Antiscalant Ball
- ★ LX-CP039 Selenium Ball
- ★ LX-CP040 Strontium Balls
- ★ LX-CP041 Grey Small Molecular Ball

LX-CP001 Chlorine Remove Ceramic Ball

Parameters



Function

High-efficiency chlorine removal in 0.5 seconds

Food Grade CaSO₃

Absorb impurities and heavy metals

Test

Diameter	3~10mm, customerized
Appearance	White color spherical ball
Material	Food Grade CaSO ₃
CaSO ₃ percentage	>=78%
CaSO ₃ dissolution	0.02mg/L
Specific Area cm ² /g	>0.5*10 ⁴
Density g/cm ³	1.35~1.4
Specific Density g/cm ³	1.3~1.55
Bulk Density g/m ³	0.74~0.78
Inner Porosity Rate %	20%
Bulk Porosity Rate %	39%
Clay Percentage	<=13%
Compression Strength N	>=40

Liters of tap water(L)	Before filtration(mg/L)	After Filtration(mg/L)	Chloramine Reduction(%)
3	2.72	0.14	95
15	2.51	0.05	98
30	2.69	0.05	98
45	2.33	0.07	97
60	2.11	0.29	86
75	3.96	0.68	83
90	2.28	0.39	83
105	2.03	0.41	80
120	3.36	0.89	74
135	3.14	0.57	82
150	2.50	0.70	72



APPLICATIONS

Chlorine Remove Ceramic Ball Technical Parameters

CaSO ₃ .2H ₂ O dissolution mg/mL	0.02	CaSO ₃ .2H ₂ O Effective content%	≥80	5gchlorine remove ceramic ball for 400mL tap water(With free chlorine 1ppm)%	≥96
8gchlorine remove ceramic ball for 400mL tap water(With free chlorine 1ppm)%	≥97	10gchlorine remove ceramic ball for 400mL tap water(With free chlorine 1ppm)%	≥98	15gchlorine remove ceramic ball for 400mL tap water(With free chlorine 1ppm)%	100
Bulk porosity%	≥39	Intragranular porosity%	36	Filtration ratem/h	10-18
Specific surface areacm ² /g	>0.5*10 ⁴	densityg/cm ³	1.35-1.4	Compressive strengthN	≥40

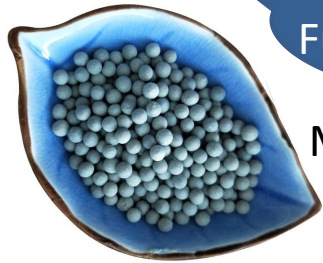


Household Water Treatment

Industrial Water Treatment

SGS/FDA
Test

LX-CP002-1 Magnesium-Hydrogen Ceramic Ball



Function

Make Hydrogen Water 600-1500ppb

Remove Pesticide Residues

Make Alkaline Water PH 8.5

Parameters

Diameter	3~10mm, customized
Apperance	Grey color spherical ball
Material	natrual Mineral etc
Specific Area cm2/g	>0.5*10
Density g/cm3	1.35~1.4
Specific Density g/cm3	1.3~1.55
Bulk Density g/m3	0.74~0.78
Inner Porosity Rate %	5%
Bulk Porosity Rate %	39%
Clay Pecentage	<=2%
Compression Strength N	>=50

20g balls into 500ml/750ml water

items	H+(ppb)	PH	ORP(mv)	TDS(mg/l)
3 min	0/0	7.4/7.4	20/84	5/7
10mins	690/390	7.7/7.3	-204/-70	15/20
30mins	730/680	7.4/7.3	-286/-240	33/37
60mins	827/775	7.5/7.2	-321/-310	63/50
1080mins	844/830	10.2/8	-349/-320	279/240

25g balls into 500ml/750ml water

items	H+(ppb)	PH	ORP(mv)	TDS(mg/l)
3 min	0/0	9.56/9	46/30	18/20
10mins	700/560	9.82/9.1	-250/-200	46/58
30mins	780/650	9.99/9.5	-300/-240	100/89
60mins	880/782	10.12/9.8	-350/-300	180/150
1020mins	1140/980		-450/-380	330/200

SGS/FDA
Test

All kinds of test



PH Test



Iodine Reduction Test



H+ Test



Negative Potential Test



Hydrogen Water with Tea



oil Removal Test

LX-CP002-2 Silicon-Hydrogen Ceramic Ball



Advantages

Quickly effecton in the water

High PH value

OEM size and package

High hydrogen and ORP value

Time(minutes)	Hydrogen/ppb	TDS/ppm
5	820	20
10	1010	23
15	1200	24
20	1225	27
30	1280	33
1h	1310	35

Remarks:(50g Balls in 500ml water,immersion test)

APPLICATIONS

Cup/pot products

Beauty sprays

Liquor alcohol ization

Natural plant extraction

Water purifiers

Bath Equipment

Tobacco humidification

Edible fungus cultivation

LX-CP002-3 Ceramic Membrane Hydrogen Cartridge

New Product



Usage

1. The flow rate is less than 1 liter/minute, one piece is ok.
2. Flow rate 1-2 liters/minute, 2 pieces
3. If the flow rate exceeds 2 liters, it is recommended to choose a 10-inch or 20-inch ceramic membrane hydrogen filter element.



T33

10-inch Membrane



LX-CP003 MPH+Alkaline Ceramic Ball

Parameters



Function

Make Alkaline Water

PH Could Up To 10

Good stability and longer duration

SGS Test

Appearance	beige color
Size	1mm~20mm
PH Max	9~10
Density g/cm ³	1.35~1.4
Hardness	High
Specific Density g/cm ³	1.3~1.55
Bulk Density g/m ³	0.74~0.78

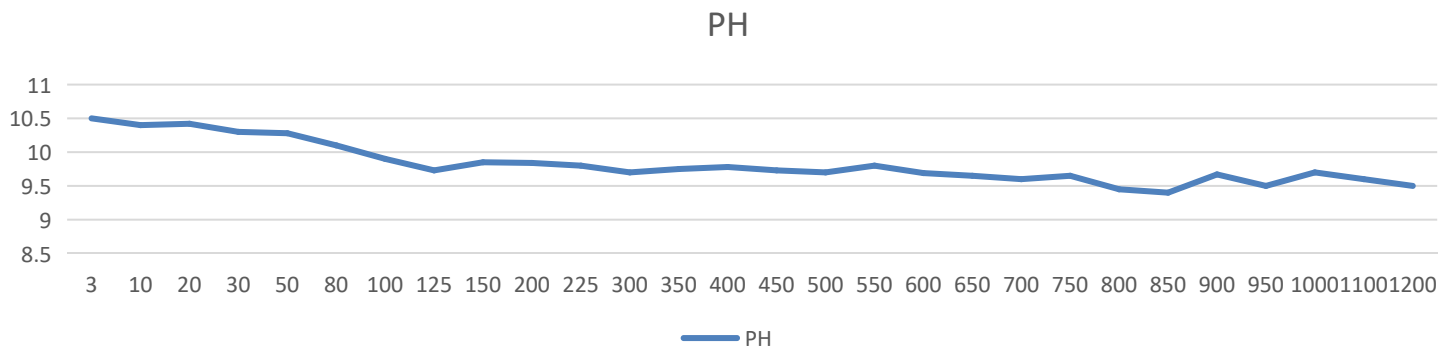
MPH+Alkaline Ceramic Ball Application

Application	Dosage(g)	PH	Life Time(months)	Water Inflow (tons)
Filter Element	300	8.8-9.5	6	6-8
Water filter Pitcher	100	8.8-9.3	4-6	2-3
Function Cup	30	8.5-9.5	2-3	0.5-1
Shower Head	50	8.5-9.3	2	1-1.5
Oil cut/ dish-washing machine	100	8.5-9.5	3-4	2-3

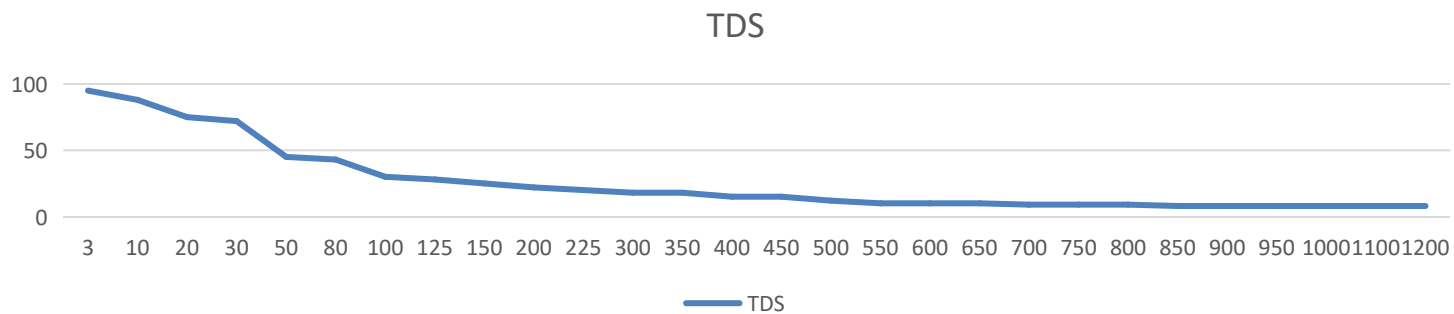


LX-CP003 MPH+Alkaline Ceramic Ball

MPH+Alkaline Ceramic Ball Lab Test Data(PH)



MPH+Alkaline Ceramic Ball Lab Test Data(TDS)



LX-CP004 Micro porous Antibacterial Ceramic Ball



99% for Escherichia coli and Staphylococcus aureus

Absorption metal ions and releasing negative oxygen

Parameters

Color	gold color
Size	3mm~10mm
Sliver Ion Percentage	1%~1.5%
KDF Percentage	4%~6%
E-coli Reduction	99.2%
Anti bacteria	Kill 98% E-coils and 96% Staphylococcus Aureus
Absorption of heavy metal	>80%
Absorption of organisms	>90%
Life time	6 months
Thermal endurance	>700°



鱼缸

游泳池

fish tank

swimming pool



花洒

沐浴宝

Shower head

Bath treasure

LX-CP004 Micro porous Antibacterial Ceramic Ball

Common Antibacterial Ball

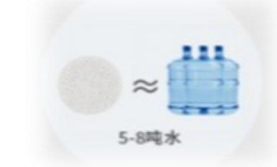
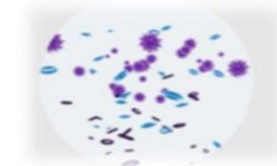
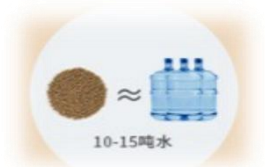
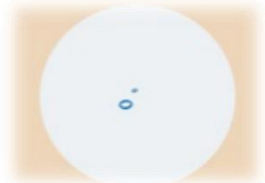
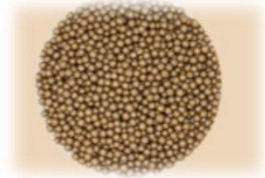
VS

Composition and life time

Contrast of appearance and structure

Specific surface area antibacterial effect

Usage comparison



水杯

净水器



加湿器

空气净化器

cup

water purifier

humidifier

air purifier

LX-CP005 ORP Ceramic Ball



ORP Water

Alkaline Water

Hydrogen Water

Parameters

Color	Grey color
Size	2mm~10mm
Magmesium Percentage	40%~50%
ORP Max	-200mv--500mv
PH Max	10
Hardness	Medium
Density g/cm3	1.3~1.4
Specific Density g/cm3	1.3~1.55
Life time	6 months
Bulk Density g/m3	0.74~0.78



Cartridge



Cup



T-bags



Other Applications

LX-CP006 Tourmaline Ceramic Ball

Granularity/mm	2-10mm
Compressive strength/kgf	45
Adsorption rate	2%
Hardness	Medium
Density/(g/cm ³)	1.5
Proportion (g/m ³)	1.3~1.55
PH	improve 1~1.5
Bulk Density/(g/m ³)	0.74~0.78
Appearance	Gery balls
weight	25kg per bag
Last time	6months



Function

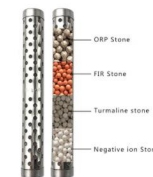
Improve the PH of the Water, PH could get 8.5



Increase the oxygen content of water and promote metabolism



Activates water, improves microcirculation



LX-CP007 Far Infrared Ceramic Ball



*Best Activated
Water Products*

ITEM(24Hours)	Data
Far-infrared wavelengths (μm)	5-20
Peak width at half height (Hz)	58-85.5
Far-infrared emission rate (%)	90
Far-infrared bacteriostatic rate(%)	80
Negative ion concentration (cm^3)	250-400
Bulk density (g/m^3)	0.74~0.78

Function

Improve the PH of the Water,PH could get 8.5

Increase the oxygen content of water and promote metabolism

Activates water, improves microcirculation

LX-CP008 Zeolite Ceramic Ball



Remove ammonia nitrogen from water up to 95%

Efficient adsorption of heavy metals, organic pollutants in water

Remove some fluorine from water

Parameters

Color	light pink color
Size	2mm~10mm
Apparent density	2.6
Zeolite powder content	above 90%
Hardness	Medium
Density g/cm ³	1.3~1.8
Specific Density g/cm ³	1.3~1.55
Life time	6 months
Bulk Density g/m ³	0.75~0.78

Adsorbents, Ion Exchangers and Catalysts

Applications



Water purify

chemical Industry



ECO Industry



Building materials



Agriculture and animal husbandry

Others Industry



LX-CP009 Maifan Stone Ceramic Ball

SGS Test



Make Mineral Water

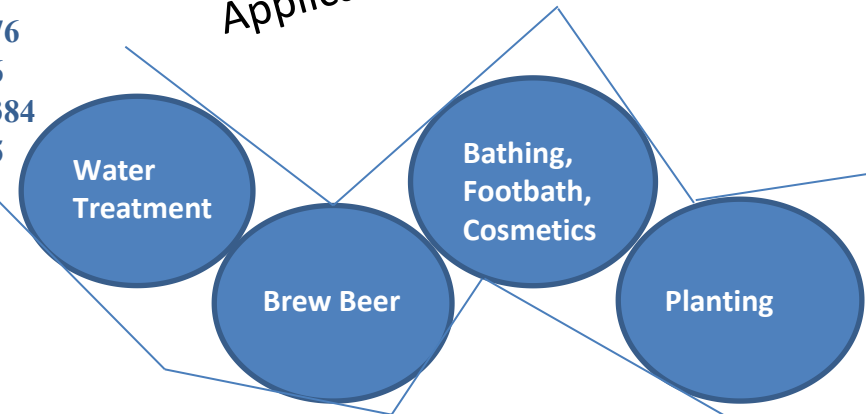
Water Activation

Diameter	3~20mm, customerized
Apperance	red brown color spherical ball
Material	Maifan stone powder
Specific Area cm2/g	>0.5*10 ⁴
Specific Density g/cm ³	1.3~1.55
Bulk Density g/m ³	0.74~0.78
Inner Porosity Rate %	20%
Bulk Porosity Rate %	39%
Clay Percentage <small>Unit Mg/L</small>	<=0.13%
Compression Strength N	>=40
Filtering Rate m/h	10~18
60 min Maifan Stone Ball Dissolved mg/L	40
60 min E-coli absorption %	0.8376
12h heavy metal absorption %	0.611

Unit Mg/L

K	15.72	Fe	0.01	Mo	3.76
Na	18.55	Li	0.36	Cu	7.6
Ca	19.34	P	0.32	Co	0.384
Mg	5.88	F	0.9	Se	9.5
Mn	0.051	B	0.17		
Sr	0.99	Zn	0.22		

Applications



LX-CP010 MPH+Condensed Water Neutralize Ceramic Ball

Parameters

Appearance	beige color
Size	1mm~20mm
PH Max	10 (OEM special acidic water quality products)
Density g/cm ³	1.35~1.4
Hardness	High
Specification g/cm ³	1.3~1.55
Bulk Density g/m ³	0.74~0.78



Applications

Condensate neutralizer

need 2kg-4kg, could last 6-12months



Condensate water neutralization filter element

need 300g-1kg, could last 6-8months

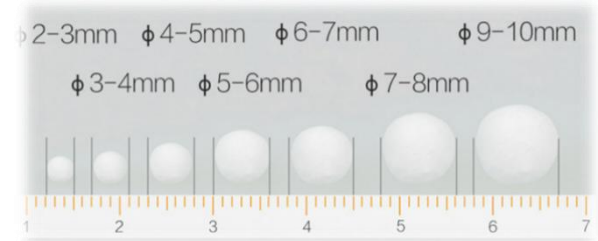
need 8kg-10kg, could last 4-6months

Remarks: base on ph 4-5,it could adjust to 6-7

LX-CP011 Nano Silver Antibacterial Ceramic Ball

Diameter	2mm~20mm
Appearance	white color spherical balls
Material	Nano silver inorganic antibacterial agent, environment friendly clay and other anti-bacterial materials
Hardness %	85~95
Specific Area cm ² /g	>0.5*10 ⁴
Anti-bacterial	> 90%
Biosorption of heavy metal	>90%
Adsorption of organisms	>90%
Silver ion Contain	0.5%

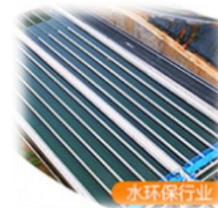
Antibacterial
Bacteriostatic



Air Purifier



ECO Water Industry



Humidifier



Cups and Pots



Water Purifier

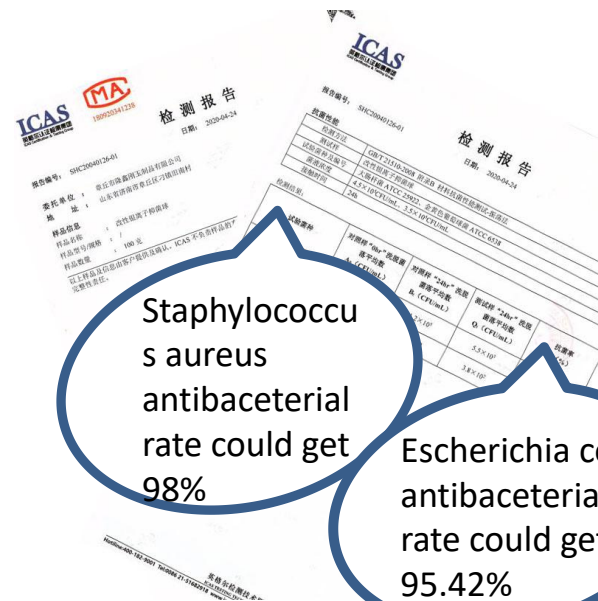


LX-CP012 Modified Silver Ion antibacterial Ceramic Ball

SGS Test



Diameter	2mm~20mm
Appearance	Light pink balls
Material	zeolite powder environment friendly clay and other anti-bacterial materials
Hardness %	85~95
Specific Area cm ² /g	>0.5*10 ⁴
Anti-bacterial	> 95%
Biosorption of heavy metal	>92%
Adsorption of organisms	>90%
Silver ion Contain	0.7%



Staphylococcus aureus antibacterial rate could get 98%

Escherichia coli antibacterial rate could get 95.42%

Applications

Humidifier

Air purifier

Water purifier

Cups and pots

Washing Balls

Health Care

Energy Water Purifier



Diameter	2mm~20mm
Appearance	Dark Brown balls
Normal temperature compressive strength Mpa	>780
Hardness %	80
Specific Area cm ² /g	>0.5*10 ⁴
Wear rate	<0.3
Adsorption Rate	90%
Fe ₂ O ₃ %	69%

Applications and Functions

Magnetized water, Widely used for Water purify industry

Release body need elements, used for bath industry

Magnetize function, used for the health care industry

Safety and Conductivity for Emerging Industries

LX-CP014 Hydrogen Tea Bag



OEM

Name: Alkaline Water Pouch/hydrogen pouch/ mineral pouch

Size:6cm*8cm/8cm*10cm , accept OEM size

Weight:10g/20g/30g/40g/50g or more

Function:Make alkaline water, improve Ph from 7 to 9.5 or more

Sealing method:Flat seal or triangle bag

Price:according the weight and balls you decide



LX-CP015 Activated Aluminium Ceramic

Ball

Granularity/mm	3-4 4-5
Compressive strength/N	80~100
Bulk density/(Kg/L)	0.68
Pore volume/(L/kg)	≥0.38
Static water absorption (quality)/%	≥15
Specific surface area/(m ² /g)	≥200
Appearance	White particle
weight	25Kg/bag



Fluoride removal agent



Catalyst



Sewage treatment



Drinking water



Best Defluorination

Good Absorption

LX-CP016 Activated Carbon Ceramic Ball



High adsorption

Remove heavy metals, impurities, odor and residual chlorine

Parameters

Diameter	2mm~20mm
Appearance	Dark black balls
Granularity mm	0.3-0.9
Hardness %	70
Specific Area cm ² /g	>0.5*10 ⁴
Wear rate	<0.5
Adsorption Rate	90%
Activated carbon content %	>40%



Applications and Functions

1 Water Treatment

it could be the pre-water treatment material or cartridge, faucet, shower head etc.

2 The Filter

Adsorbent material, gas treatment of electronic devices, etc.

3 Solvent recovery

Various organic solvents in electrical, chemical, automotive, pharmaceutical and other industries, using activated carbon to establish energy-saving, non-drainage solvent recovery and deodorization devices.

LX-CP017 VC Ceramic Ball

Parameters

Diameter	2mm~20mm
Appearance	Light Pink balls
Porosity	30%
Hardness %	80
Specific Area cm ² /g	>0.5*10 ⁴
Wear rate	<0.1%
Density g/cm ²	1.5
Vc content %	>25%

Add VC in Water



Oil-cut Series



Water purification industry



Washing Balls



Functional Cup



Shower Head

Eco Agriculture

Applications

LX-CP018 White Mineral Ceramic Ball



TDS from 80~100

Add Ca, Mg, K, Zn etc in Water

Adjust PH of Water (about 1)

Parameters

Diameter 2mm~20mm

Appearance White balls

Porosity 20%

Hardness % 85

Specific Area cm^2/g $>0.5 \times 10^4$

Wear rate $<0.2\%$

Density g/cm^3 1.4~1.45

Material

Mineral materials such as shell powder, calcium powder, and high kaolin

Applications

Water machine

Water Cup

Hot Spring

Large Water Treatment

Water Kettle

Spray

Fish Tank Filtration

Humidifier



LX-CP019 High Frequency Ceramic Ball

Magnetized water, small molecular water is easier to absorb

**3000~5000
ultrasonic pulses**

Function ←

Dissolve 30 kinds of trace elements, especially the calcium, magnesium, zinc, chromium, strontium, selenium, etc



Parameter ←

Diameter	4~10mm
Appearance	Pink balls
Far Infrared	7~20um
Hardness %	80
Specific Area cm ² /g	>0.5*10 ⁴
Ultrasound	3700hz
PH	8.5~9
Material	Bian Stone, tourmaline, Maifan stone, FIR etc.

Applications

Water Treatment



Shower Head



Anti-scaling and descaling



Water machine, water station



Health massage industry



LX-CP020 High Calcium Ceramic Ball

Mainly increase the content of calcium in water

Function



Add magnesium, zinc, chromium, strontium, selenium, etc



Parameter

Diameter	2~10mm
Appearance	White balls
Calcium Content	>20%
Hardness %	85
Specific Area cm ² /g	>0.5*10 ⁴
Material	Natural Shell Powder, Rich in Calcium Mineral Powder, etc

Applications



LX-CP021 Volcanic Oil Suction Ball

Beauty Ball



Our beauty ball

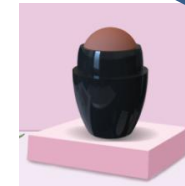


After polishing, it could be use in the machine

Parameters

Color	light pink color
Size	21-23mm
Apparent density	2.6
Mainly Material	Volcanic rock powder and other minerals
Hardness	hardness
Density g/cm ³	1.5~1.8
Specific Density g/cm ³	1.4~1.5
Life time	6 months
Bulk Density g/m ³	0.8
Absorption Rate	above 30%

Applications



Parameters

Appearance	beige color
Size	1mm~20mm
PH Max	9.5
Density g/cm ³	1.4~1.6
Hardness	High
Specification g/cm ³	1.4
Bulk Density g/m ³	0.76~0.79

Applications



Bottled water production line



Bottled water production line



Various water purification stations



Water purification equipment



Applications



Make ORP water

Make Hydrogen water

Adjust PH of the Water



Drinking Water



Swimming Pool



Breeding Industry



Water Treatment Plant

Parameters

Appearance	Sliver color
Size	1mm~12mm
Hydrogen Max	1400ppb
ORP Max	-600mv
PH Max	7-8
Density g/cm ³	1.35~1.4
Hardness	Medium
Specification g/cm ³	1.3~1.55
Bulk Density g/m ³	0.74~0.78

20g balls in
100ml Water
Test



Add Metasilicate Element

PH Max Value could get 10

Make Alkaline and Mineral Water

Appearance	White color
Size	1mm~12mm
PH	8.5~10
Absorption Rate	30%
Volume Density g/cm ³	1.5~2.0
Bulk Density g/cm ³	1.2~1.8
Hardness	Medium
High temperature resistance	800°C
Compressive strength KN/Piece	0.01~0.08
SiO ₃ Content %	22~30
Ca Content %	30~45
Mg Content %	15~20
K Content %	5~8
Na Content %	5~8
Others Elements %	0.5



Metasilicate
Content :H₂SiO₃
29.8mg/L

LX-CP025 Terahertz Ball

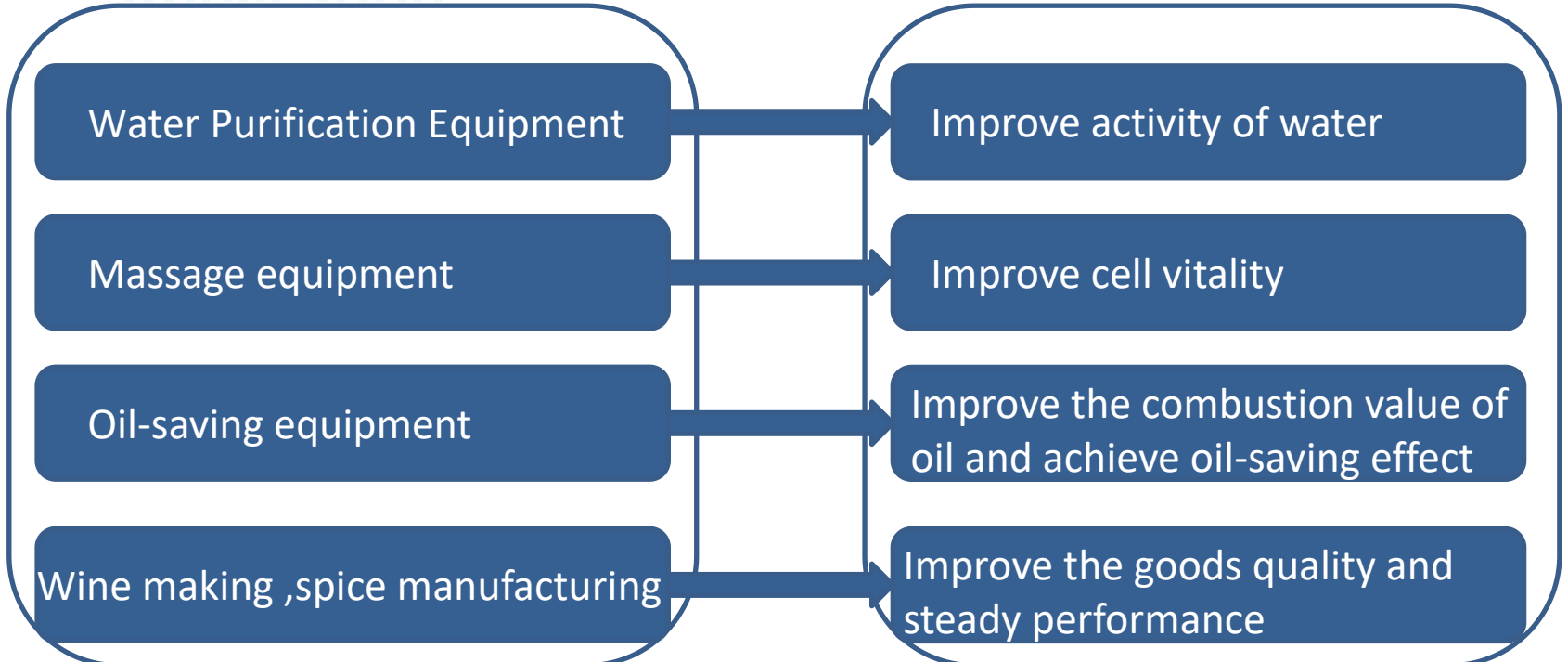


Terahertz wave (THz), also known as "ray of life", is a kind of "light" energy, which refers to electromagnetic waves with wavelengths between $3\mu\text{m}$ and $1000\mu\text{m}$, frequencies between $0.1\text{-}10\text{THz}$, and between microwaves and infrared rays. Terahertz is known as one of the top ten science and technology in the 21st century.



Application

Function



LX-CP026 Hot Spring Bath Ball



Functional ceramic ball, specially used for artificial hot spring bathing, mainly contains metasilicic acid, selenium-rich, natural minerals and other ingredients, and has a physiotherapy effect on human skin

Parameters

Appearance	White color
Size	1mm~20mm
Material	Metasilicic, Natural mineral, tourmaline, sulfur, etc
PH	8~8.5
Absorption	>15%
Density g/cm ³	1.35~1.4
Hardness	85
Specification g/cm ³	1.35~1.4
Bulk Density g/m ³	0.75~0.77

Application



Steady and long time

Safety and Effective



High Absorption

Steady and last long time

Natural Mineral Material,
Safety(especially to Baby
products)

Parameters

Color	light Pink color
Size	2mm~10mm
Absorption	>30%
Hardness	85
Absorption of heavy metal	>80%
Absorption of organisms	>90%
Life time	6 months
Thermal endurance	>700°

Application



Adsorbent or Carrier



Desiccant



Automobile and
industrial exhaust

Application



Making small water clusters

Activation water

Parameters

Appearance	Light yellow color
Size	2mm~20mm
Pore diameter	3%
Density g/cm ³	1.3~1.5
Hardness	80
Specification g/cm ³	1.5
Bulk Density g/m ³	0.78~0.79
Material	Maifan Stone, Far Infrared, Muyu Stone, etc.



kinds of Cartridge



Water purify Materials



Health and Beauty

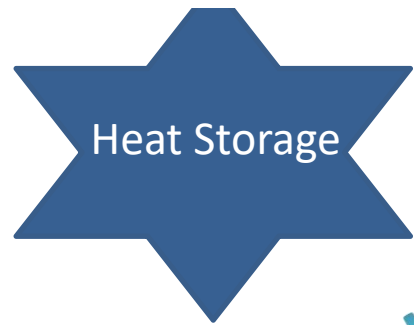


Tea bags



Aquarium

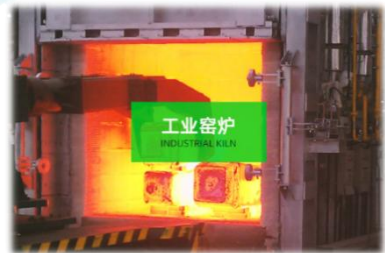
LX-CP029 Heat Storage Ball



Alumina ceramic ball Physical Properties:

Index	Unit	Value
Diameter	mm	φ25
Al2O3 material	%	99 corundum
Specific Density	g/cm3	3.4-3.6
Water Absorption	%	<5
Max. Operating Temperature	°C	1800
Bulk Density (Packing Density)	Kg/m3	1.9-2.1
Crushing strength	Kgf/cm2	800
Moh's Hardness Scale	/	9

Applications



Industrial Kiln Boiler



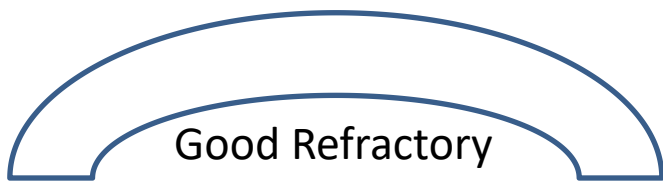
Power Plant



Baking Balls



food baking balls



Good Refractory



Sulfide removal from water

Drinking Water using

Parameters

Color	Red Brown color
Size	4~5mm
Absorption	>10%
Hardness	80
Absorption of Sulfide	>80%
Fe ₂ O ₃ Content	>40%
Life time	6 months

Advantages

- 1 Effective desulfurization in the water
- 2 Strong and not pulverization
- 3 Safety raw material, could be use for the common water treatment

Applications



Water Treatment
(sewage, drinking water)



Industrial desulfurization



Waste gas treatment

Parameters



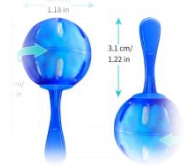
Granularity/mm	3-4 4-5 5-6mm
Compressive strength/N	80~90
Wear/%	≤0.4
Hardness	High
Density/(g/m3)	1.32~1.35
Proportion (g/m3)	1.3~1.45
PH	improve 1~1.5
Bulk Density/(g/m3)	0.74~0.78
Appearance	White particle
Material	Natural shell powder, pearl calcium powder, etc

Function

Improve PH ,make alkaline Water

Rich in natural minerals such as pearl calcium

Applications



All kinds of Water machine

LX-CP032 Color Ceramic Ball



Colored ceramic Balls are made of kaolin, feldspar, quartz and clay as the main raw materials, plus inorganic high temperature colorants, and are fired at high temperature. It has the characteristics of non-slip and wear-resistant, environmental protection and corrosion resistance, low water absorption, bright color, high-grade beauty, never fading, hard and firm, and long service life.

Add the Mineral Elements

Meet with the requirement of the colors

Not use for the drinking water



Emerging Pavement Materials



Shower Head



Flower or green plant farming

LX-CP033 MPH+ Alkaline Disc

Function

Make Alkaline Water



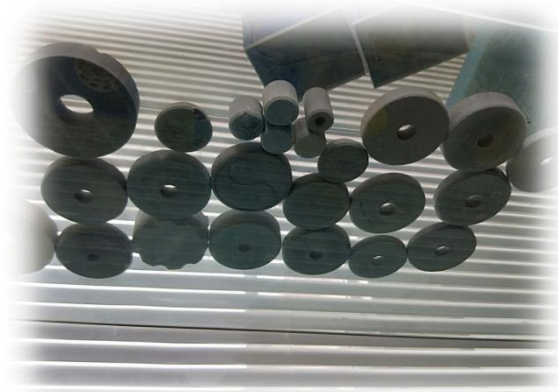
PH Could Up To 10

Good stability and longer duration

Same as the Alkaline Ceramic Balls

Parameters

Appearance	beige color
Size	38mm*15mm, 42mm*7mm, 42mm*10mm, 45mm*7mm, 52mm*7mm, 52mm*10mm. 35mm*15mm
PH Max	9~10
Density g/cm ³	1.35~1.4
Hardness	High
Specification g/cm ³	1.3~1.55
Bulk Density g/m ³	0.74~0.78
Shape	OEM logo/website/Package



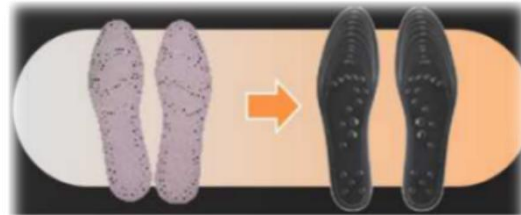
All kinds of Shape

Parameters



Diameter	3~20mm, customized
Apperance	red brown color spherical ball
Material	Maifan stone powder,natural mineral powders,etc
Hardness %	High
Specific surface Area cm ² /g	>0.5*10 ⁴
Specific Density g/cm ³	1.3~1.55
Bulk Density g/m ³	0.74~0.78
Inner Porosity Rate %	20%
Bulk Porosity Rate %	39%
Clay Percentage	<=0.13%
Compression Strength N	>=50
Filtering Rate m/h	10~18

Smooth surface for massage



New Function Insole



New Massage Device



crafts



New Function Carpet

Natural Mineral Elements

Speed up blood circulation

Description and Effect



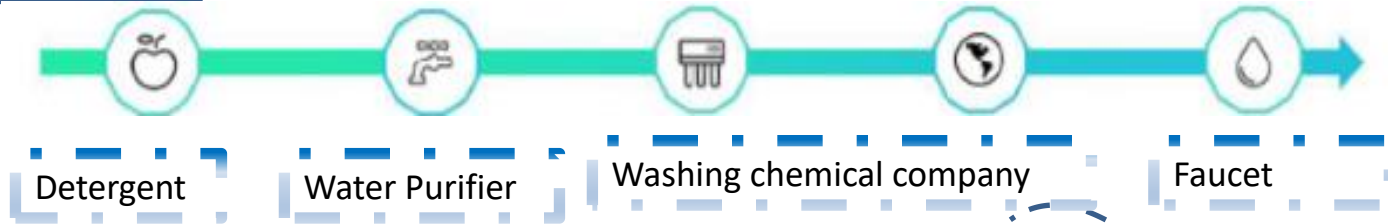
It is produced by high-quality mineral powder and added rare earth materials through high temperature process. This product contains more than 30 kinds of trace elements beneficial to the body, such as selenium, manganese, zinc, iron, magnesium, phosphorus, calcium, potassium, strontium, ytterbium, etc.

Trace element content table (mg/L)

K	13.72	Fe	0.2	Mo	3.07
Na	17.55	H ₂ SiO ₃	78.56	Cu	7.2
Ca	18.34	P	0.35	Co	0.324
Mg	5.8	F	0.93	Se	7.50
Mn	0.029	B	0.18	Li	0.336
Sr	0.8	Zn	0.25		



LX-CP036 Oil Cut Ceramic Ball



Environmental protect

Natural minerals without any chemical additives, safe and environmentally friendly

Health washing

PH



Natural to oil

Natural minerals can increase the PH value of water and adjust the water balance



Through the high-energy far-infrared wave vibration, the water quickly cuts into the interface of the oily tableware, and the oil-water interface is quickly separated, so that the oil can easily get out of the tableware interface



Description and Effect

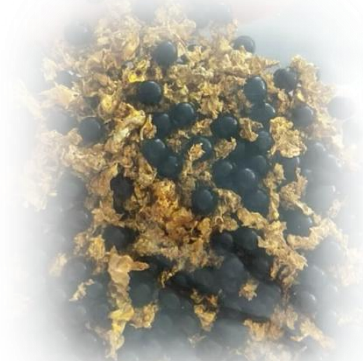


Using the function of raw ore powder, it is not only rich in trace elements and minerals, but also has infrared and ultrasonic effects, which can effectively activate water and promote the formation of small molecular water clusters.

Functions

Activated Water

Making small molecule water



Various uses in drinking water, water purification industry, etc.

LX-CP038 Antiscalant Ball

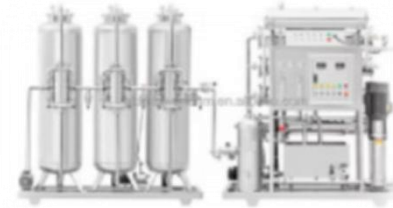
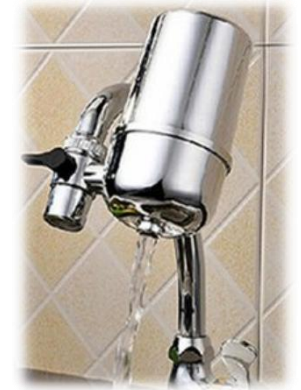


Parameters

Appearance	beige color
Size	1mm~20mm
Antiscalant	70%~90%
Density g/cm ³	1.4~1.6
Hardness	Medium
Specification g/cm ³	1.35
Bulk Density g/m ³	0.76~0.79



Bottled water production line



Various water purification stations



tap water, boiled water

Pure Water
Mineralization





Selenium ceramic balls are a type of ceramic material infused or coated with selenium, a trace mineral known for its antioxidant properties and potential health benefits. These balls are often used in water filtration systems and sometimes in skincare products.

Parameters

Item	2hours	24hours
Selenium contain(mg/L)	0.005	0.17

(50g balls in 500ml water)

LX-CP040 Strontium Ball



Strontium ceramic balls are small spheres made from a material containing strontium. These balls are often used in various applications, primarily in water treatment and filtration systems. Strontium ceramic balls are known for their ability to remove impurities, such as chlorine, heavy metals, and other contaminants, from water. The strontium component in these ceramic balls typically interacts with water to produce a mild ion exchange effect, which can help improve water quality by reducing harmful substances. They are often used alongside other filtration media in water filter cartridges or as part of whole-house water filtration systems.

Our SGS test for that(50g balls in 500ml water):

Item	0.5hours
Strontium contain(mg/L)	28.8



Grey small molecule ball is a kind of mineralized ball used for water treatment. It is mainly composed of tourmaline powder, alkaline materials and some special materials. This ball is a newly launched ball that combines the characteristics of traditional small molecule balls. , it has strong penetration ability and also has Ph adjustment function.

Advantages:

1. More than 50% tourmaline Powder
2. Long time effective
3. High penetration



Package





Company Showing

