JUNTAI MBBR MEDIA

骏泰塑业 JUNTAI PLASTIC

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骏泰塑业
JUNTAI PLASTIC

Company Introduction

Hangzhou Juntai Plastic Products Co. Ltd. , was founded in 2013 and located in the beautiful city-Hangzhou. We established Anhui Juntai Technology Co., Ltd in Anhui in 2016. As a supplier and manufacturer for MBBR Bio Filter Media and PVC profiles, we won the National high-tech enterprise in 2019 and has 29 patents.

We have a 21000 square meter factory in Yuexi Anhui; 105 fully automatic MBBR production lines. The annual export of MBBR is 70 000 cubic meters; the annual export of PVC profiles is 5000tons. We have passed some certifications, as ISO9001-2015, SGS, ROHS. Most of the production is vented to Canada, Mexico, Guatemala, Argentina, France, The Netherlands, Sweden, Italy, Taiwan China, etc. The annual sale is $15 million.

We are committed to becoming a large-scale comprehensive enterprise, involved in MBBR filler production, sales, and water treatment design consulting. The MBBR technology widely used in Industrial and municipal wastewater treatment; recirculation aquaculture system(RAS), etc.other water treatment filed. We have professional environmental engineers of 20 years experience, cooperated with many domestic universities to ensure high quality while ensuring better service. We have been recognized and trusted by our customers, we insist on establishing a career with precision, winning with high quality, and treating each other with sincerity. We look forward to cooperating with you!


Start a career with essence, win through high quality .
骏泰塑业
国家高新技术企业 通过ISO

骏泰塑业
JUNTAI PLASTIC

Company Team

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Qualification Certificates

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JUNTAI MBBR BIO MEDIA

MBBR37

Patent NO.:ZL2020 30141332.8

MBBR19

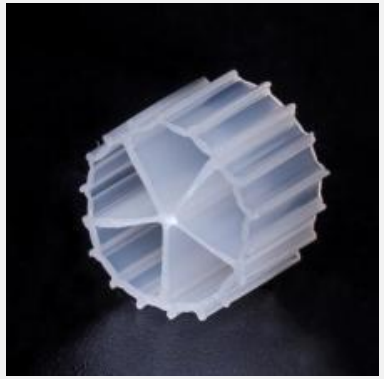
Patent NO.:ZL2020 30141332.8

MBBR61

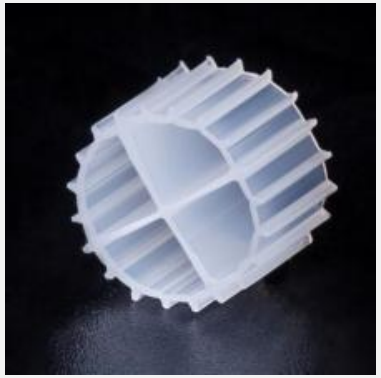
MBBR64

MBBR08

MBBR05



MBBR06



MBBR04

MBBR40

MBBR19-2

骏泰塑业 JUNTAI PLASTIC

PATENT JUNTAI MBBR Introduction

MBBR37

Size:Φ25*12mm, Hole Numbers:37

Material: 100% White Virgin HDPE

Weight:125Kg/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>800m^2/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming time:3-15days

Nitrification Efficiency:400-1200g $NH_4N/M^3.d$

BOD_5 Efficiency:2000-10000g $BOD_5/M^3.d$

COD_5 Efficiency:2000-15000 g $COD_5/M^3.d$

Applicable Temperature: 5-60℃

Life-Span:>15year

骏泰塑业 JUNTAI PLASTIC

JUNTAI MBBR Introduction

MBBR19

Size:Φ25*12mm Hole Numbers:19

Material: 100% White Virgin HDPE

Weight:95KG/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>650m^2/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming Time:3-15days

Nitrification Efficiency :400-1200gNH_4 N/M^3.d

BOD_5 Efficiency:2000-10000g BOD_5/M^3.d

COD_5 Efficiency:2000-15000 gCOD_5/M^3.d

Applicable Temperature:5-60℃

Life-Span:>15year

骏泰塑业 JUNTAI PLASTIC

PATENT JUNTAI MBBR Introduction

MBBR61

Size:Φ25*4mm Hole Numbers:61

Material: 100% White Virgin HDPE

Weight:125KG/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>1250m^2/m^3

Packing Numbers:>260000pcs/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming Time:3-15days

Nitrification Efficiency :400-1200gNH_4 N/M^3.d

BOD_5 Efficiency:2000-10000g BOD_5/M^3.d

COD_5 Efficiency:2000-15000 gCOD_5/M^3.d

Applicable Temperature:5-60℃

Life-Span:>15year

骏泰塑业 JUNTAI PLASTIC

JUNTAI MBBR Introduction

MBBR64

Size:Φ25*4mm Hole Numbers:64

Material: 100% White Virgin HDPE

Weight:125KG/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>1200m^2/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming Time:3-15days

Nitrification Efficiency :400-1200gNH_4 N/M^3.d

BOD_5 Efficiency:2000-10000g BOD_5/M^3.d

COD_5 Efficiency:2000-15000 gCOD_5/M^3.d

Applicable Temperature:5-60℃

Life-Span:>15year

JUNTAI MBBR Introduction

MBBR04

Size:Φ11*7mm Hole Numbers:04

Material: 100% White Virgin HDPE

Weight:125KG/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>900m^2/m^3

Packing Numbers:>940000pcs/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming Time:3-15days

Nitrification Efficiency :400-1200gNH_4 N/M^3.d

BOD_5 Efficiency:2000-10000g BOD_5/M^3.d

COD_5 Efficiency:2000-15000 gCOD_5/M^3.d

Applicable Temperature:5-60℃

Life-Span:>15year

骏泰塑业 JUNTAI PLASTIC

JUNTAI MBBR Introduction

MBBR05

Size:Φ11*7mm Hole Numbers:05

Material: 100% White Virgin HDPE

Weight:130KG/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>1000m^2/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming Time:3-15days

Nitrification Efficiency :400-1200gNH_4 N/M^3.d

BOD_5 Efficiency:2000-10000g BOD_5/M^3.d

COD_5 Efficiency:2000-15000 gCOD_5/M^3.d

Applicable Temperature:5-60℃

Life-Span:>15year

骏泰塑业 JUNTAI PLASTIC

JUNTAI MBBR Introduction

MBBR06

Size:Φ16*10mm Hole Numbers:06

Material: 100% White Virgin HDPE

Weight:120KG/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>800m^2/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming Time:3-15days

Nitrification Efficiency :400-1200gNH_4 N/M^3.d

BOD_5 Efficiency:2000-10000g BOD_5/M^3.d

COD_5 Efficiency:2000-15000 gCOD_5/M^3.d

Applicable Temperature:5-60℃

Life-Span:>15year

骏泰塑业 JUNTAI PLASTIC

JUNTAI MBBR Introduction

MBBR08

Size:Φ10*5mm Hole Numbers:08

Material: 100% White Virgin HDPE

Weight:220KG/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>3500m^2/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming Time:3-15days

Nitrification Efficiency :400-1200gNH_4 N/M^3.d

BOD_5 Efficiency:2000-10000g BOD_5/M^3.d

COD_5 Efficiency:2000-15000 gCOD_5/M^3.d

Applicable Temperature:5-60℃

Life-Span:>15year

骏泰塑业 JUNTAI PLASTIC

JUNTAI MBBR Introduction

MBBR40

Size:Φ15*15mm Hole Numbers:40

Material: 100% White Virgin HDPE

Weight:175KG/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>900m^2/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming Time:3-15days

Nitrification Efficiency :400-1200gNH_4 N/M^3.d

BOD_5 Efficiency:2000-10000g BOD_5/M^3.d

COD_5 Efficiency:2000-15000 gCOD_5/M^3.d

Applicable Temperature:5-60℃

Life-Span:>15year

骏泰塑业 JUNTAI PLASTIC

JUNTAI MBBR Introduction

MBBR19-2

Size:Φ25*12mm, Hole Numbers:19

Material: 100% White Virgin HDPE

Weight:95Kg/CBM

Densilty:0.96-0.98g/cm^3

Surface Area:>650m^2/m^3

Porosity:>85%

Dosing Ratio:15-65%

Membrane-Forming time:3-15days

Nitrification Efficiency:400-1200g $NH_4N/M^3.d$

BOD_5 Efficiency:2000-10000g $BOD_5/M^3.d$

COD_5 Efficiency:2000-15000 g $COD_5/M^3.d$

Applicable Temperature: 5-60℃

Life-Span:>15year

JUNTAI MBBR Introduction

MBBR20

Size:Φ187mm x 51mm Hole Numbers:20

Material: Black PP

Weight:75g/pcs

weight:37.5KG/CBM

Densilty:0.92-0.98g/cm3

Surface Area:>100m2/m3

Applicable temperature:5-60℃

Life-span:>15year

Our Advantage

	JUNTAI MBBR	other MBBR
Material:	100% New HDPE	Plastic filler
Quality Control:	1. The shape is perfect, cannot deform easily. 2. Can be anti-UV 3. Less dust suitable for aquaculture 4. FDA food grade	1. Easy to deform. 2. No UV protection 3. More dust 4. Non-food grade
Production Control:	20 high-speed production lines,production speed is 1.5 times that of others	Average production speed
Company Team:	1. Professional R&D team with 5 person 2. Water treatment engineer team with 2 person 3. International sales team with 10 person 4. Quality control team with 8 person	None
Terms of delivery:	FOB,CFR(C&F),CIF,EXW,DDP,DDU,etc.	Fewer choices
Product Service:	Complete pre-sales and after-sales service	Poor service

骏泰塑业 JUNTAI PLASTIC

Raw Material Display

100% Virgin HDPE

Comply with US FDA and EU RoHs requirements

骏泰塑业
JUNTAI PLASTIC

Production Workshop

Production Machine

R & D Testing

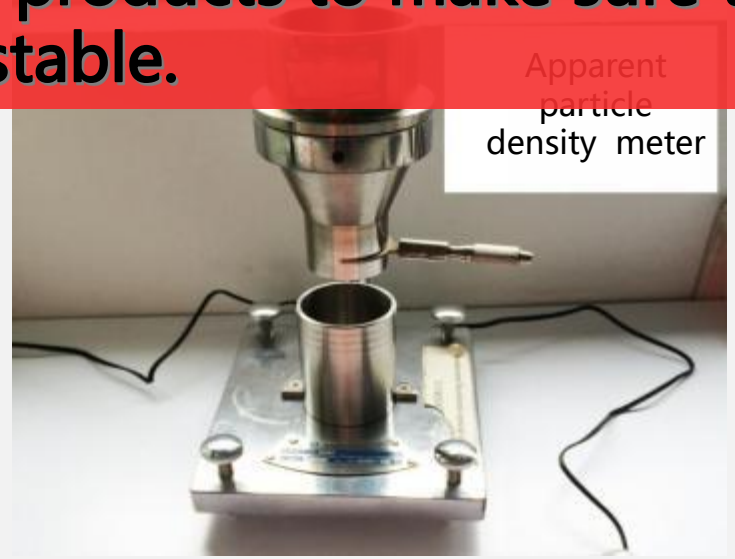
Anti-UV accelerate aging of the measuring instrument

Color assessment cabinet

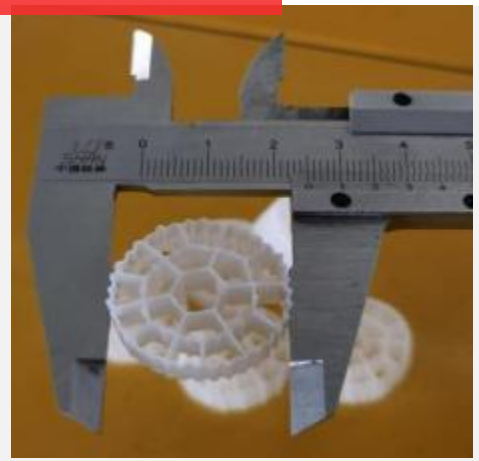
DN-B Whiteness meter

Testing Equipments from raw material to finished products to make sure the quality stable.

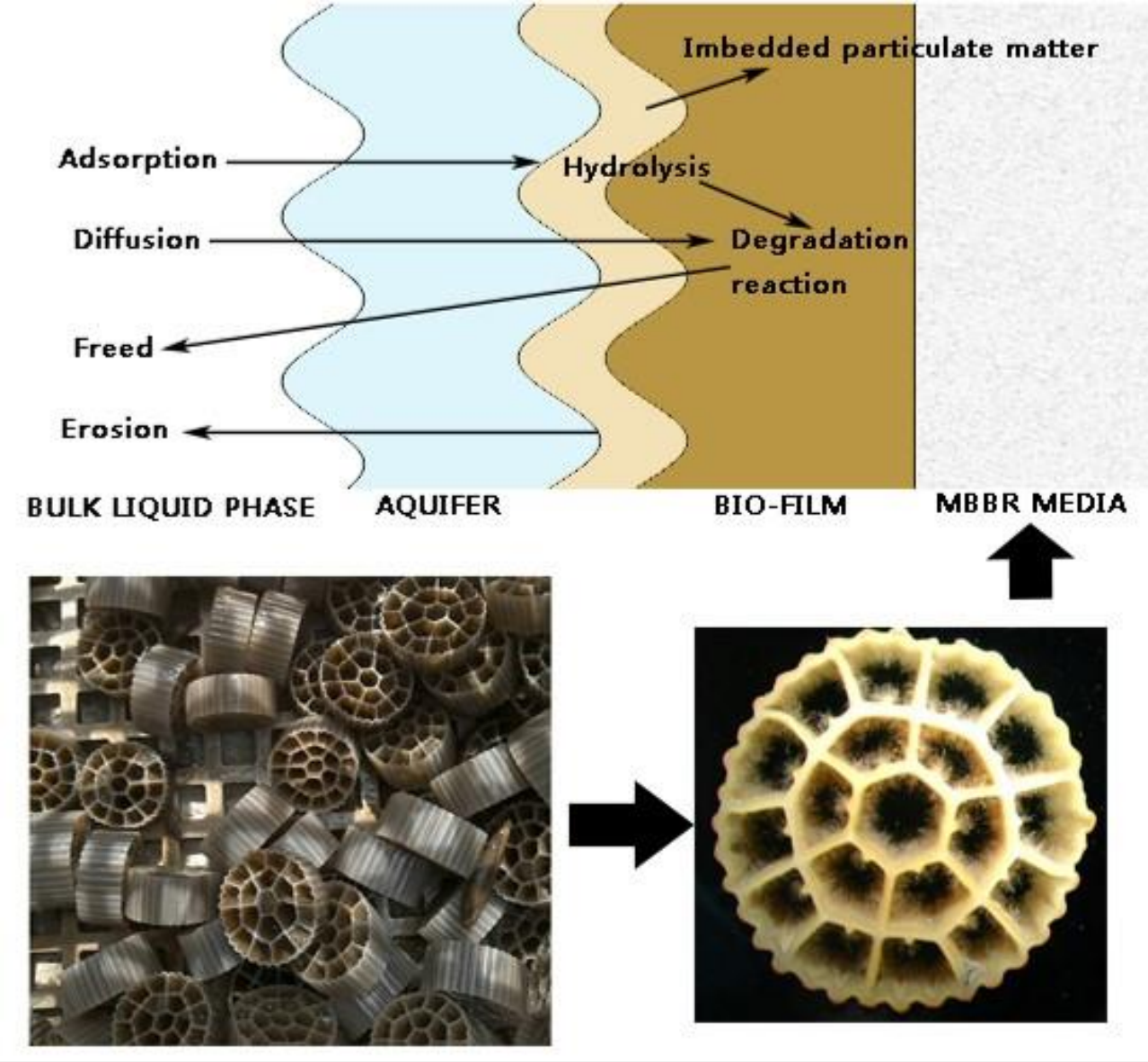
Oxygen Index meter

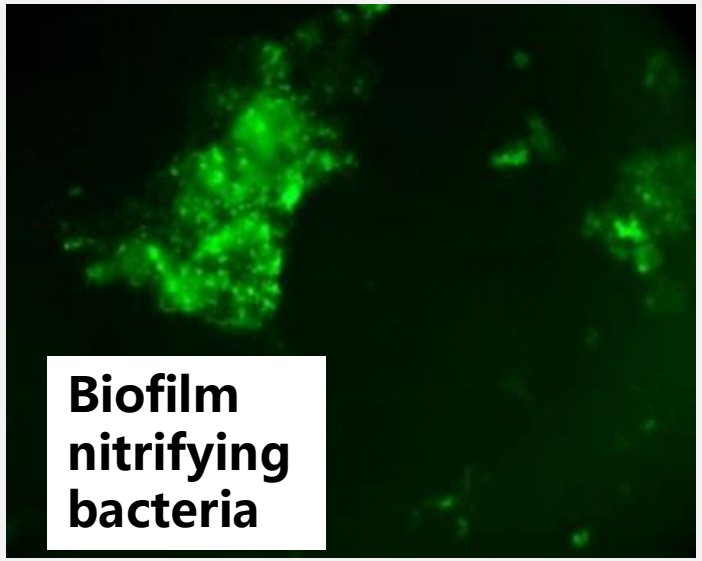


Apparent particle density meter



JUNTAI MBBR BIO MEDIA Nitritation and Denitrification

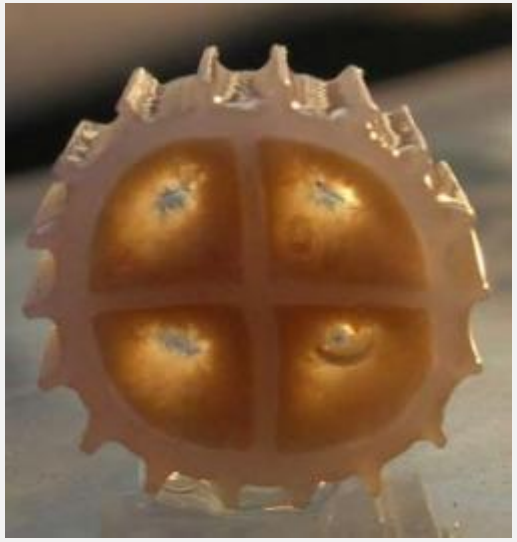


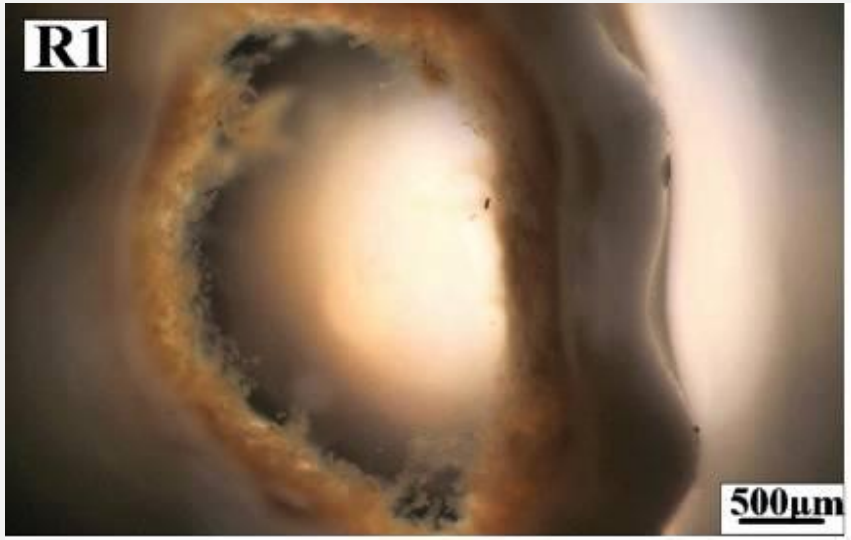


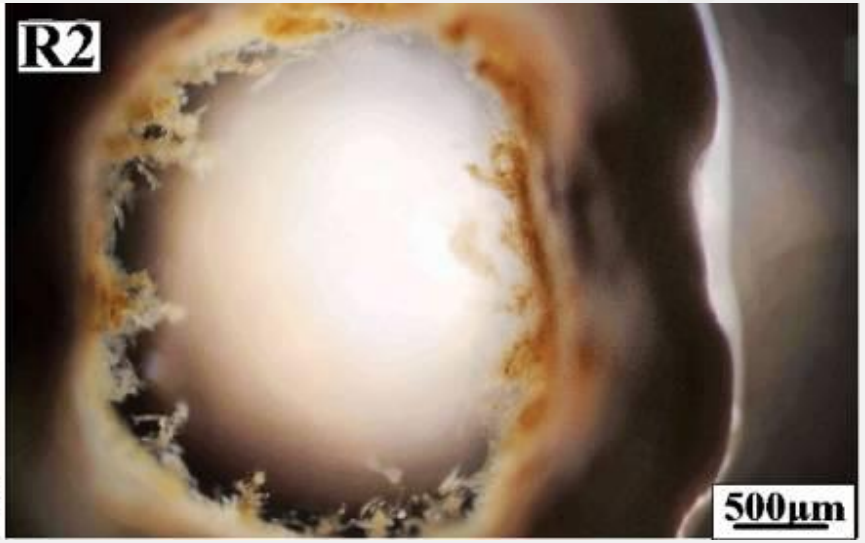
Biofilm nitrifying bacteria

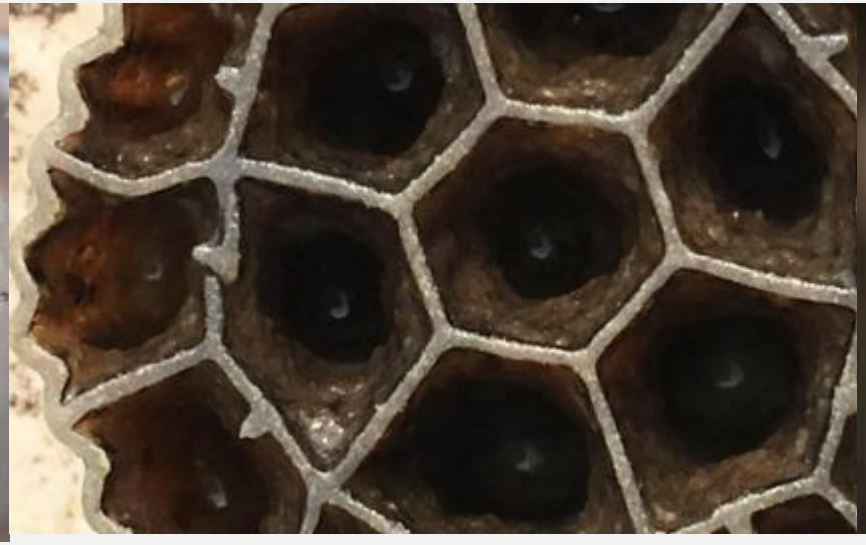
Nitrifying bacteria electron microscope drawing

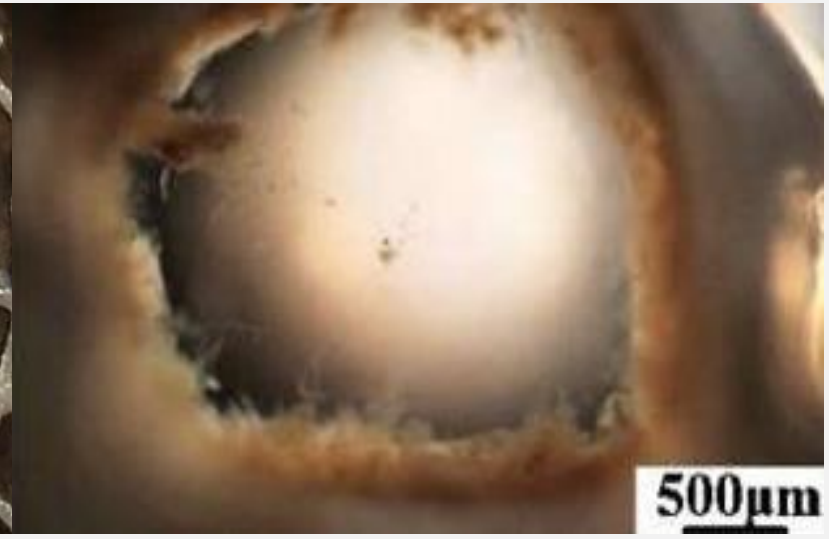
JUNTAI MBBR BIO MEDIA Membrane-forming











Application Field

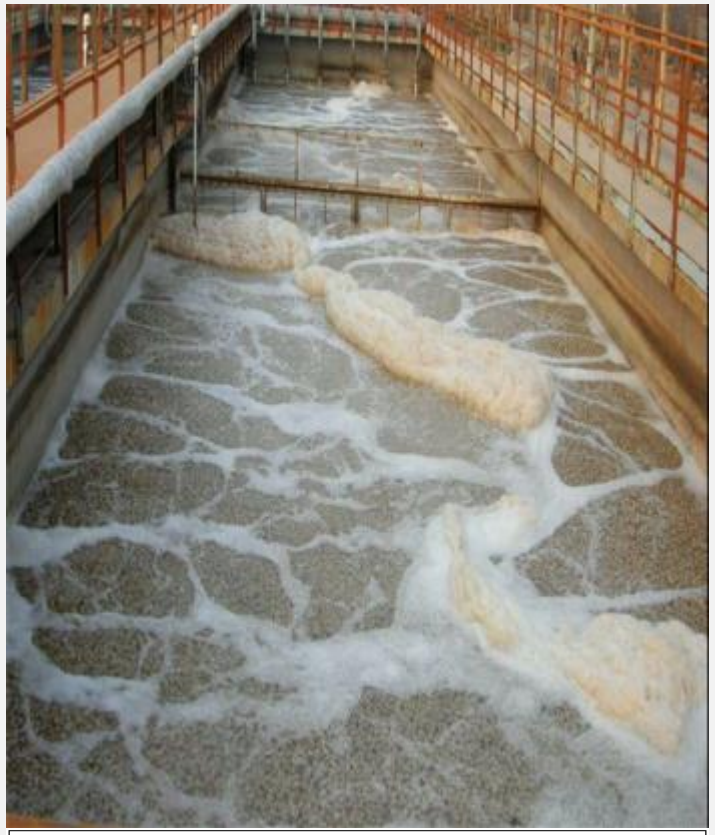
1 Municipal wastewater biological treatment

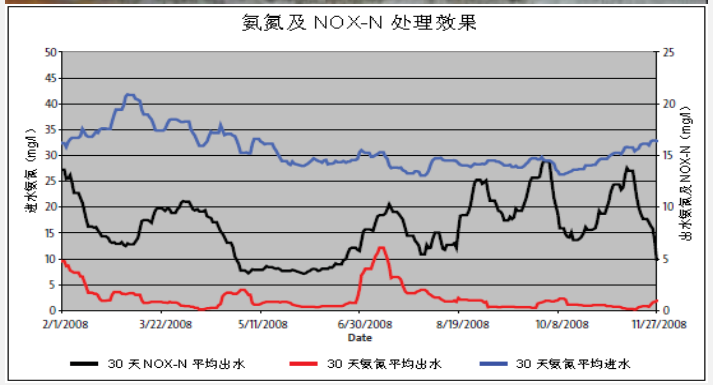

2 Industrial wastewater biological treatment


3 Aquaculture wastewater treatment

4 New construction and remould upgrade

JUNTAI MBBR Case : A Municipal Wastewater In Anhui





Customer Requirement:

First they design processing capacity 55000ton per day, the process is traditional activaed sludge process, the emission standard is second level. Now they require upgrade to primary A standard.

Solution:

Use JUNTAI MBBR process reconstruction scheme as follow:

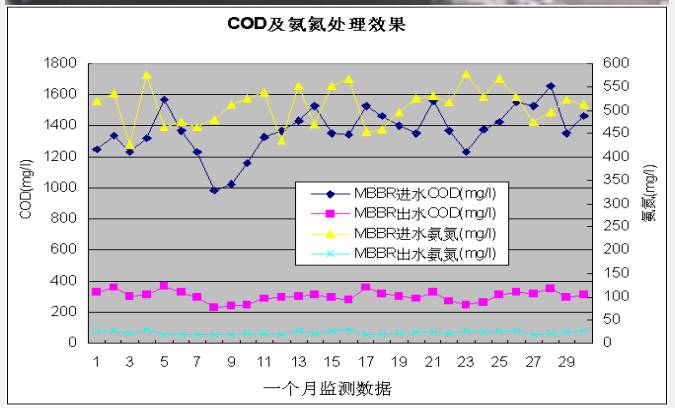
① Not need to build new aerobic process basin, put the JUNTAI MBBR to original aerobic process basin; Remould the aerating system, set up the intercept device when effluent.

② Build new anaerobic basin and anoxic basin

Result:

MBBR process can reach good treatment effect for ammonia nitrogen and total nitrogen removal.the effluent water quality index can reach up to primary A stanrdad.

JUNTAI MBBR Case : A Textile companies In Shaoxing



Customer Requirement:

A wastewater treatment have device can dispose 450ton per day, influent COD can reach up to 15000mg/l, ammonia nitrogen can reach up to 600mg/l, treatment process is anaerobic +A/O activated sludge, the effluent standard is three-level. Due to their high wastewater pollutants concentration, high impact load, frequent excessive effluent treatment, particularly ammonia nitrogen treatment effect is not satisfactory. Customer requests transformation facilities, increase the processing capacity, and achieve stable discharging standard.

Solution:

Use JUNTAI MBBR process reconstruction scheme as follow:

① Not need to build new aerobic process basin, put the JUNTAI MBBR to original aerobic process basin; Remould the aerating system, set up the intercept device when effluent.

② Build new anaerobic basin and anoxic basin

Result:

Improve the facilities processing capacity to 700tons per day, effluent water quality indexes were stable.

JUNTAI MBBR Case : A Malaysian aquaculture company

Customer Requirement:

The aquaculture pollution caused by high-yield aquaculture will exceed the self-purification capacity of the crab pond itself, which will seriously affect the increase in the yield, quality and efficiency of crab breeding in the pond.

Solution:

Use JUNTAI MBBR process reconstruction scheme as follow:

Put the JUNTAI MBBR into the breeding circulating water equipment

Result:

Reduce nitrate accumulation in circulating aquaculture system and reduce water eutrophication

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