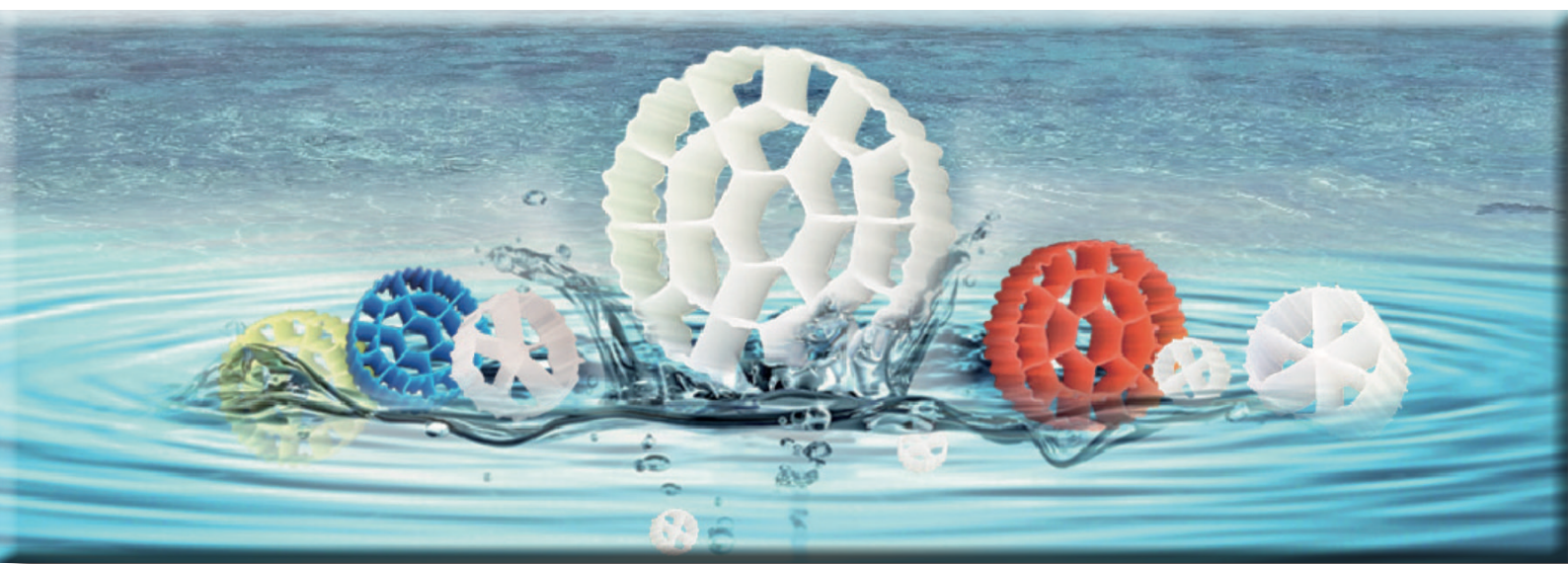


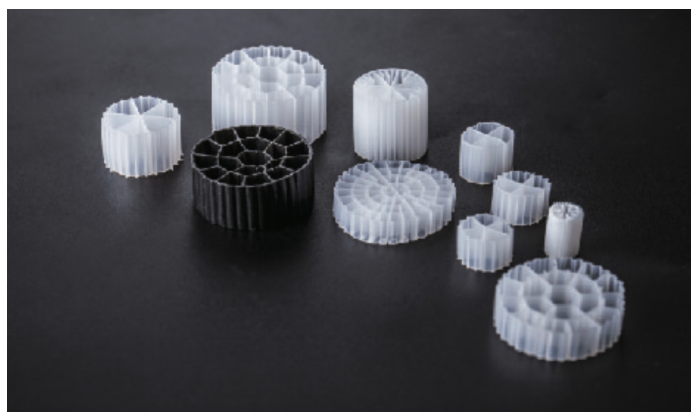


JM Series MBBR Bio Filter Media



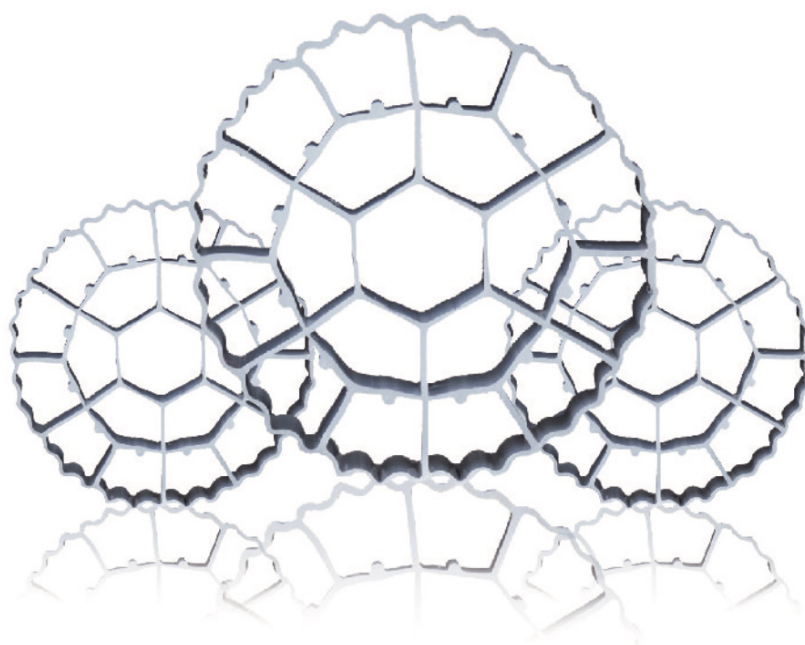
Introduction of MBBR Filter Media

JM series MBBR bio filter media is a novel biological-ly active carrier, it uses scientific formula, according to the nature of water, blending various of beneficial microorganisms grow quickly attached trace elements in polymer materials, through a special process modification with large surface area, high biological activity, biofilm fast, good impact resistance.



Features

- Special formula and technology, accelerating biological film forming.
- Large effective surface area, obtaining more microorganism.
- With bio-film decomposing technology, saving sludge return process.
- High efficiency in denitrification and dephosphorization, improving water quality.
- Lower energy consumption, saving space and shorten technology process.



Products Model List

Model: PE01



Size	φ12*9mm
Surface Area	>800 m ² /m ³
Density	0.94-0.97 g/cm ³
Packing Numbers	>630000 pcs/m ³
Dosing Ratio	15%-70%
Life Span	>15 years
Nitrification Efficiency	400-1200 gNH ₄ -N/m ³ .d
Material	HDPE

Model: PE02



Size	φ11*7mm
Surface Area	>900 m ² /m ³
Density	0.94-0.97 g/cm ³
Packing Numbers	>930000 pcs/m ³
Dosing Ratio	15%-68%
Life Span	>15 years
Nitrification Efficiency	400-1200 gNH ₄ -N/m ³ .d
Material	HDPE

Model: PE03



Size	φ10*7mm
Surface Area	>1000 m ² /m ³
Density	0.94-0.97 g/cm ³
Packing Numbers	>990000 pcs/m ³
Dosing Ratio	15%-70%
Life Span	>15 years
Nitrification Efficiency	400-1200 gNH ₄ -N/m ³ .d
Material	HDPE

Products Model List

Model: PE04



Size	φ16*10mm
Surface Area	>800 m ² /m ³
Density	0.94-0.97 g/cm ³
Packing Numbers	>260000 pcs/m ³
Dosing Ratio	15%-67%
Life Span	>15 years
Nitrification Efficiency	400-1200 gNH ₄ -N/m ³ .d
Material	HDPE

Model: PE05



Size	φ25*10mm
Surface Area	>600 m ² /m ³
Density	0.94-0.97 g/cm ³
Packing Numbers	>118000 pcs/m ³
Dosing Ratio	15%-65%
Life Span	>15 years
Nitrification Efficiency	400-1200 gNH ₄ -N/m ³ .d
Material	HDPE

Model: PE06

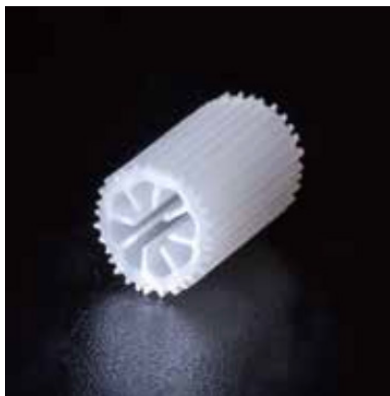
Anaerobic Special Biomedia



Size	φ25*10mm
Surface Area	>600 m ² /m ³
Density	0.94-0.97 g/cm ³
Packing Numbers	>118000 pcs/m ³
Dosing Ratio	15%-65%
Life Span	>15 years
Nitrification Efficiency	400-1200 gNH ₄ -N/m ³ .d
Material	HDPE

Products Model List

Model: PE08



Size	φ5*10mm
Surface Area	>3500 m ² /m ³
Density	1.02-1.05 g/cm ³
Packing Numbers	>1540000 pcs/m ³
Dosing Ratio	15%-70%
Life Span	>15 years
Nitrification Efficiency	500-1400 gNH ₄ -N/m ³ .d
Material	HIPS

Model: PE09



Size	φ15*15mm
Surface Area	>900 m ² /m ³
Density	0.94-0.97 g/cm ³
Packing Numbers	>230000 pcs/m ³
Dosing Ratio	15%-65%
Life Span	>15 years
Nitrification Efficiency	400-1400 gNH ₄ -N/m ³ .d
Material	HDPE

Model: PE38

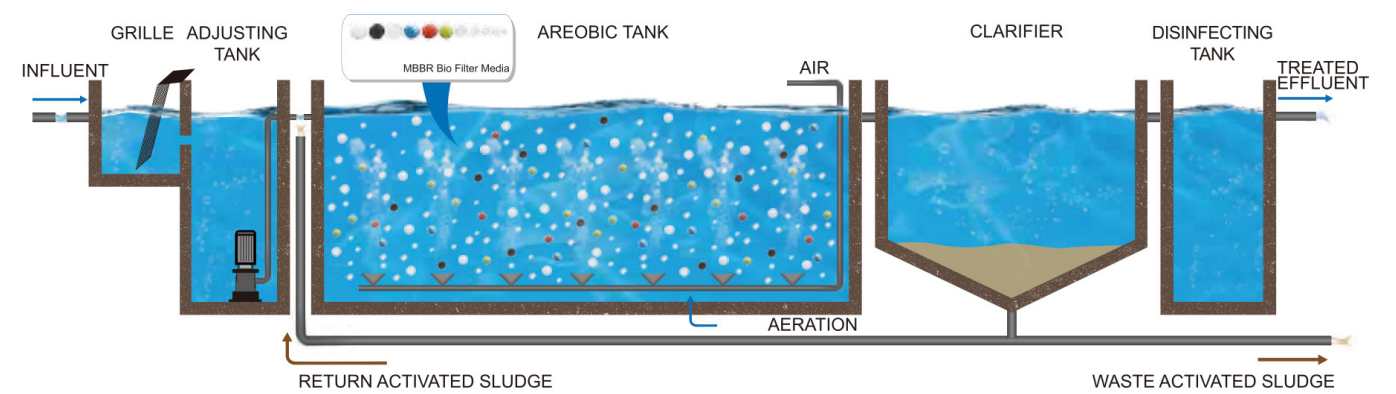


Size	φ25*10mm
Surface Area	>800 m ² /m ³
Density	0.94-0.97 g/cm ³
Packing Numbers	>118000 pcs/m ³
Dosing Ratio	15%-70%
Life Span	>15 years
Nitrification Efficiency	500-1200 gNH ₄ -N/m ³ .d
Material	HDPE

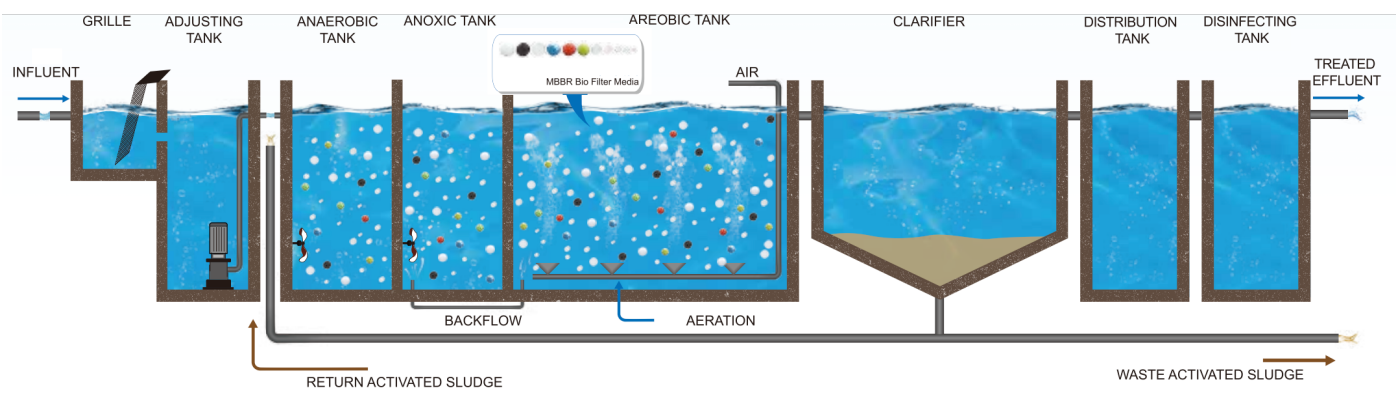
**Also provide OEM service, please contact us for more details.*

Typical Technology Process of MBBR Filter Media

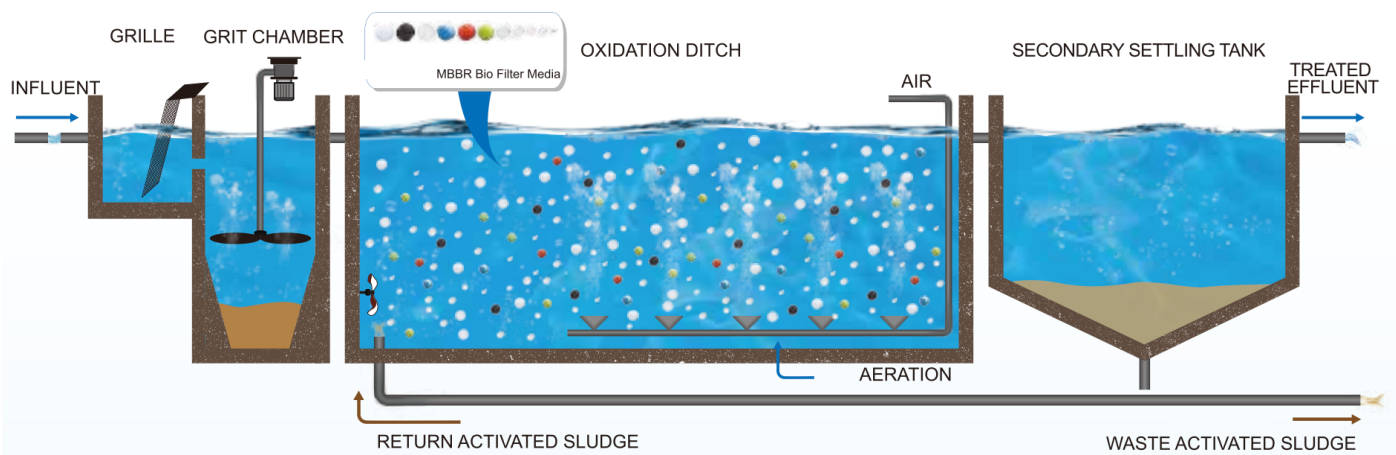
MBBR-SBR Sludge Process



Anaerobic-Anoxic-Oxic Process



Oxidation Ditch-MBBR Process



Project Reference

Case 1: Sewage Treatment - Activated Sludge Process



Case 2: Sewage Treatment - Anaerobic Anoxic Oxic Process



Case 3: Sewage Treatment - Oxidation Ditch Process



Project Reference

Case 4: Fishery Water Treatment



Case 5: Industrial Water Reuse



Case 6: MBBR Integrated Equipment





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