JBL Micromec

Sintered bio-glass balls for breaking down pollutants

Suitable for:

- Biological breakdown of pollutants in fresh and saltwater aquariums: sintered bio-glass balls for the use in aquarium filters
- Easy to use: use biological sintered glass balls inside the second last filter stage.
- Intensive water clarification through bio-filtering: microorganisms settle on the filter material and break down pollutants
- Highly effective: conical tunnel pores create ideal settling area of 1500 m2/l for beneficial microorganisms. Intensive breakdown of ammonium and nitrite
- Package contents: glass balls with approx. Ø 1.4 cm, 650 g incl. net bag for filling

You may also be interested in

You can find a complete overview here: https://www.jbl.de/qr/62548

JBL FilterPad VL
Cotton fleece for CristalProfi aquarium filters

JBL FilterPad F15
Coarse foam pad for aquarium filter CristalProfi

JBL FilterPad F35
Fine foam pad for aquarium filter CristalProfi

JBL CombiBloc CristalProfi e
Pre-filter pads and filter foam for CristalProfi e

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Product information

The quality of the filter material essentially determines the effectiveness of an aquarium filter! Most aquarium filters are already equipped with sponges as filter material in advance. Sponges have a fairly large surface area, which over time will be colonised by beneficial bacteria for breaking down pollutants. To increase the effectiveness of a filter, the sponges can be replaced with special sintered glass filter material (JBL SintoMec and JBL MicroMec). Sintered glass filter material has a surface area about 10 times greater than that of sponge material and thus provides even more space for bacteria to decompose harmful substances in the aquarium water. In the automotive sector we would compare it to tuning a car = more power!

What is sintered glass?
If you melt (sinter) very small glass balls, a massive lump of glass comes out. But if you mix the glass beads with salt beforehand, the resulting glass lump is permeated with salt. If it is then washed out, an infinite number of small channels are created in the glass. JBL sintered glass filter materials therefore contain a gigantic (inner) surface area which can be colonised by bacteria which in turn break down harmful substances.

Nitrate decomposition:
Nitrate is only decomposed by bacteria to nitrogen gas in the absence of oxygen and in the presence of carbon (C). This process (denitrification) can take place under ideal conditions inside the sintered glass filter materials JBL SintoMec and JBL MicroMec.

When to use JBL MicroMec and when to use JBL SintoMec?
For smaller filter volumes, the smaller material JBL MicroMec is more suitable for reasons of space. For larger filters, also because of the greater water flow, a coarser material with holes such as JBL SintoMec is more suitable. The finer JBL MicroMec could clog up more quickly.

Further information	
FAQ	✓
Blog	✓
Press	✓
Laboratory/calculator	×
Worth reading	✓
Spare parts	×
Video	✓
GarantiePlus	×
Instructions	✓
QR code	

JBL Micromec

Product details

Article data	
Product name	JBL Micromec
Art. No.	6254800
EAN number	4014162625489
EAN as barcode	
Content	650 g
For	200 l
Expiry months	-
RRP incl. VAT	20,50 €
Base price	31.54 €
Nominal filling quantity	650 g
Base quantity	1 kg
Gross weight	702 g
Net weight	650 g
Weight change	1000

Disposal	
Product name	JBL Micromec
Art. No.	6254800
Green dot	✓
Group electronic waste	-
Disposal weight	-
Battery type	-
Battery return	-
Battery rechargeable	-
Disposal weight battery	-
Non-returnable glass	-
PPK	52 g
Plastic small	-
Plastic large	-
Disposal weight metal	0 g

Features	
Product name	JBL Micromec
Art. No.	6254800

Features	
Animal species	Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed shrimps, Corals, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Gobies, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, blood parrot cichlids, freshwater butterflyfish, turtle
Animal size	For all animal sizes
Animal age group	All aquarium fish
Volume of habitat	200 L
Material	Sintered glass
Food type	-
Colour	white
Dosage	650 g per 200 l
Transport conditions	-

JBL Micromec

Electronic label / illuminant	
Product name	JBL Micromec
Art. No.	6254800
Ambient temperature	-
Start time	-
Mercury	-
Tube length	-
Service life	-
Lumen	-
CRI value	-
Dimmable	-
Switching cycles	-
PAR value	-
Energy efficiency class	-
UV-A	-
UV-B	-
UV-C	-
Colour temperature	-
Base designation	-

Technical data	
Product name	JBL Micromec
Art. No.	6254800
Range in litres	-
Range from - to	-
Range in days	-
Range tank length	-
Output in watts	-
Output per hour	-
Output per day	-
Height	190 mm
Length	125 mm
Width	57 mm
Diameter	-
Voltage	-
For	-
T8 26mm (watt)	-
T5 16mm (watt)	-
Size	-
Content for	-
Filter container volume	-
Volume filter media	-
Hose connections pressure/out	-
Hose connections suction/in	-
Delivery head	-

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Food type	-
Sub product type	-
Dosing	650 g per 200 l

Additional information for the specialist trade sector

Article data	
Product name	JBL Micromec
Art. No.	6254800
VAT	19%
Sales unit (SU)	6
Volume packaging	1.7l
Dimensions (l/w/h)	60 mm/125 mm/225 mm
Layer	216
Pallet	648
Category of products	2
Customs tariff	69149000
Country of origin	CN
Type of packaging	Faltschachtel/Karton

PU 1 data	
Product name	JBL Micromec
Art. No.	6254800
PU 1 material	cardboard gr
PU 1 weight	9 g
PU 1 lengh	125 mm
PU 1 width/depth	360 mm
PU 1 height	225 mm

PU 2 data	
Product name	JBL Micromec
Art. No.	6254800
PU 2 material	cardboard gr
PU 2 weight	430 g
PU 2 lengh	255 mm
PU 2 width/depth	390 mm
PU 2 height	370 mm

Trade data	
Product name	JBL Micromec
Art. No.	6254800
Till receipt text	JBL MicroMec
Shelf placement	-