



BioMedia - BioElements

BioElements are primarily suitable as biological filters for water purification in aquaculture and water treatment.

BioElements may with great advantage, be used for air clearing and filtration of ochre in waterworks.



RECYCLING

BioElements MEDIUM

Used in conjunction with "moving bed" filters.

The medium elements are specially designed and manufactured with a density of 1,00 g/cm³.

In "moving bed" filters, this density gives a large power/energy saving.



SAVING ENERGY

BioElements LIGHT

Used in conjunction with "up-flow" and "moving bed" filters.

The light BioElement has a density 0,93 g/cm³.

The patented asymmetrical design provides good cleaning performance as the elements don't "wedge" together with each other.



SAVE THE ENVIRONMENT

BioElements HEAVY

Used in conjunction with "down-flow fixed-bed" filters.

The Heavy BioElement has a density of 1,20 g/cm³.

The BioElements large specific surface area (750m²/m³) makes it possible to achieve a higher and more efficient decompositions rate with compact filters.

Energy and water usage in return rinsing is minimized significantly as a result of the unic design.



SAVE WATER CONSUMPTION



CLEAN WATER

Technical information:

	LIGHT	MEDIUM	HEAVY
Volume weight of components (kg/m ³)	158	172	210
Number of BioElements (pcs/m ³)	255.000		
Specific surface area (m ² /m ³)	750		

BioElements are produced in Polypropylene (PP), which contains no halogens and can be recycled or disposed of by incineration, where the end product is only water and carbon dioxide.

The filler used in BioElements Heavy and Medium is Barium Sulphate (BaSO₄). Barium Sulphate is environmentally neutral, ref. safety data sheet: "No danger of toxicity" the material is biological inactive.

