



BIOWATER
TECHNOLOGY

BioWater™ Biofilm carrier
HS Code 8421.99.00

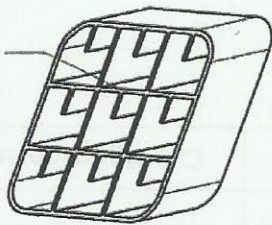
Product Name: BWT S™

Prepared by: TA Approved by: TA Trade mark/design registration

Rev.no: 001 Date: 27.06.2011

Application: The BWT S™ biofilm carrier element is used in biological treatment processes for both water- and wastewater treatment plants.

Design: The BWT S™ elements consists of 9 cells is angled and have the following dimensions;



Width	:	14,5 mm (+/- 0,5mm)
/height	:	18,5 mm (±0,5mm)
Length	:	7,3 mm (+0,2/-0,5mm)
Perimeter outside	:	56 mm
Perimeter inside	:	197 mm
Tolerances according to	:	DIN 16941/3
Wall thicknesses	:	0,35 mm (±0,1mm)

Material: Polyethylene, high density (HDPE).
Colour: Natural

The raw material has a specific weight of 0,96 (± 0,02) kg/ltr, while the material after extruding has a specific weight of about 0,95 (± 0,02) kg/ltr.

Add-Max® 104 is added to the material to improve stabilization for the extruding process.

The biofilm carrier elements are produced from a material and with a procedure that ensures that the material will have a long aging time giving a proper operation for its service life, provided:

- stored and packed as from the producer
- applied in the reactors according to normal procedures

The shape of the biormedia might be in some cases uneven, this has no negative effect on the total surface area guaranteed.

Main data:

The weight of the BWT S™ is	:	122kg/m ³ (in bulk, at production)
Efficient surface	:	5,33 m ² /kg
Content of a Qbag	:	Specified per Qbag
Protected surface area pr. bag	:	650 m ² pr. m ³ in bag (randomly packed)
m ² pr. m ³ in bag (randomly packed)	:	

Quality assurance The producer is instructed to take visual inspections/regular tests to control form, dimensions and density (kg/m³ in bulk), in order to ensure conformity to the specification.

BioWater Technology AS reserves the right to change the specification without any further notice.

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