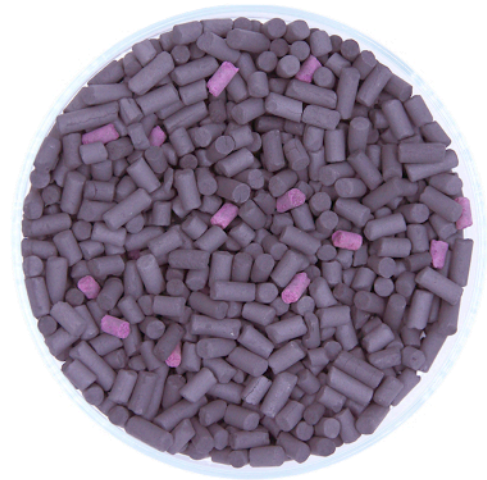


# BION BIA PLUS

Filtration media

BION BIA is a mixture of 8% BION ISORB Max and 92% BION AC. BION ISORB Max is natural zeolites based and contains 12% potassium permanganate. BION AC is a virgin activated carbon with 60 % CTC.

The mixture of BION ISORB Max and BION AC provides advantages from both media types combined.



## Advantages

- Improved safety due to the presence of natural zeolites that prevent the spread of possible hotspots.
- Capable of removing small amounts of low molecular weight products that virgin activated carbon cannot be permanently removed.

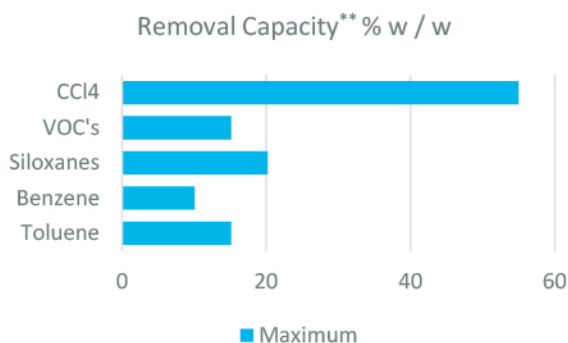
## Application guidelines

BION BIA PLUS operates optimally under the following application guidelines:

Parameter	Values range
Relative humidity	10-95 %
Temperature	-20°C - 50°C    -4°F - 122°F
Efficiency	min. 99% *

\*considering min. contact time of 4.8 s according to ASTM 5742 - 95

## Target pollutants



## Specifications

BION BIA PLUS	Value	Units	Value	Units
Apparent density (loose)	470 ± 30	kg/m <sup>3</sup>	30 ± 2	lb/ft <sup>3</sup>
Pellet Diameter	4	mm		
Moisture content	< 5	%		
Potassium permanganate	1	%		
Gas removal process	Chemisorption and adsorption			
CTC**	55 % min			

\*\*According to ASTM D5742 – 95

## Packaging \*\*\*

\*\*\*Quantities can slightly vary (±5%)

Big bag	550 kg	1200 lb
Sacs	25 kg	55 lb
Boxes	14 kg	30 lb

## Quality control and Media Life Analysis

All batches are inspected according to our internal procedures which are audited according to ISO 9001:2015, including adsorption capacity, humidity, bulk density, mechanical strength and abrasion.

BION offers the possibility to determine the remaining life of the product.

## Media handling and disposal

It is recommended that operators use dust masks, safety goggles and rubber gloves. Contact your local supplier for replacement of BION BIA PLUS.

Consult the authorized waste manager for recovery and disposal operations.

Storage conditions: store in the original packaging, preferably between 5-30°C (41-86°F), otherwise -15-45 °C (5-113°F), avoid sources of heat, humidity, radiation.

Shelf life: Maximum 2 years.