

# Filtersorb THM™

Most Effective Removal of AOX/ total THM and Chloramines

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## Advantages

- **Most effective removal of AOX / THM and Chloramines**
- **No Regeneration required**
- **No Chemicals required**
- **Abrasive resistant grains**
- **Long Lifetime**
- **Low costs**

## Chemical Composition

Carbon	approx. 87 %
Ash, water-free	approx. 9 %
Volatile components	approx. 3.5 %
Water	approx. 1 %

Values represent the average of regular examinations carried out over several years.

## Physical Data

Grain size I: 12x25 US mesh  
Grain size II: 7x14 US mesh

Bulk density:  
Grain size I: approx. 31.22 lb/ft<sup>3</sup>  
Grain size II: approx. 30.00 lb/ft<sup>3</sup>

Apparent density: approx. 59.38 lb/ft<sup>3</sup>

## Product Information

Filtersorb THM™ is a highly selective filter media for the removal of AOX/ THM and Chloramines. The abrasive-resistant grains are characterized by their porous structure, rough surface and high adsorption capacity. The material exhibits mostly inert behaviour and no substances are released into the water that may cause the values limited by the regulations on drinking water to be exceeded.

Filtersorb THM™ guarantees safe operation requiring only little maintenance due to its stable structure. Filtersorb THM™ is suitable as an adsorption and filtering material in both open and closed fixed bed filters.

## Filtration Rate

Depending on the water quality and the hydraulic conditions the following filtration rates are possible:

Open filters: up to 6 gpm/sq.ft  
Closed filters: up to 12 gpm/sq.ft

## Backwash Rate

grain combination I: approx. 12. gpm/ft<sup>2</sup>  
grain combination II: approx. 20 gpm/ft<sup>2</sup>

time: approx. 3 - 5 min