

ANTHRACITE-H

Thermally Activated Lignite Coal

INTRODUCTION

Watch Anthracite-H is a filter material for water purification, produced by crushing and sieving lignite coal and thermally processed to achieve high quality anthracite. This porous media is primarily used for the reduction of chloramines in swimming pool water treatment.

Watch Anthracite-H is used for removal of disinfection byproducts including chloramines, trihalomethanes, and adsorbable organic halogen compounds (AOX), it is especially well suited for treating swimming pool water.



APPLICATION AREAS

Watch Anthracite-H is mainly used as upper layer filter material for multilayer filtration in both open or closed fixed bed filters. Typical application areas are:

- Filtration of turbid well, spring and surface water.
- Filtration for the chemical, biological and/or catalytic iron and manganese removal.
- Filtration of raw water treated with flocking agents.
- Filtration of decarbonised effluent from the softening reactor.
- Filtration of cooling and process water in industry.
- Filtration in the swimming pool water treatment.
- Upper layer of filter materials to protect the active surfaces from pollution.
- Filtration of mechanically/biologically treated waste water.

TECHNICAL DATA

WATCH ANTHRACITE-H

AVAILABLE SIZES

Grain size 1: 0.6 – 1.6 mm

Grain size 2: 1.4 – 2.5 mm

Grain size 3: 2.5 – 5.0 mm

Other grain sizes upon request

PACKAGING

- 40 L (20 kg) paper bags
- 1000 L big bag
- Bulk transport in silo trucks



STORAGE & SAFETY

Store in a dry and frost-free place.

Safety data sheet: Watch Anthracite-H
 (available on request)

SPECIFICATIONS

Carbon	approx. 88 %
Ash, water-free	6 - 9 %
Volatile matter	2 - 3 %
Water	~ 1,0%

TYPICAL PROPERTIES

Specific density	approx. 2.0 g/cm ³
Bulk density	approx. 500 kg/m ³
Specific surface area (BET)	approx. 300 m ² /g
Grain porosity	~ 50 %

Watch Water[®] is a team of highly experienced specialists in water industry who provide new superior technologies compare to old conventional products.

Our experience and very successful products are unmatched in the industry and we have been recognized as an innovative industry leader. Watch Water[®] takes full responsibility for all water treatment problems, with its innovative concepts and pragmatic solutions, geared with high-end biofriendly water treatment chemicals and systems.

CONTACT US

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