

CHS



The chemical filter medium CHS is the best solution for removing hydrogen sulfide from the air. CHS is also excellent for filtering sulfur dioxide and chlorine.

The documented performance of **CHS** enables the best technical and economical solutions for a variety of problems.

Medium life analysis enables you to determine the correct time for medium change and plan maintenance optimally.

Features

- Easy to use
- Firesafe
- Non-toxic
- Can be reliably tested for remaining service life

Fields of use

This filter medium is designed particularly for industrial environments with high concentrations of hydrogen sulfide, sulfur dioxide and/or chlorine. The CHS filter medium is also well suited for wastewater treatment and odor problems in composting plants.

- + Wood processing industry
- + Petrochemical industry
- + Wastewater pumping stations
- + Composting plants
- + Wastewater treatment plants
- + Other process industry

Structural properties

The CHS filter medium has the following physical features:

- **Structural material: aluminum oxide and activated carbon**
- **Nominal granule diameter: 3.8 mm**
- **Specific gravity 800 kg/m³**
- **Moisture content: 20% maximum**

Quality control

The following tests in accordance with the quality management system are performed at the factory on each batch of CHS filter medium:

- Impregnating agent content measurement
- Density measurement
- Abrasion test
- Structural durability measurement
- Moisture content measurement

Provider's overall responsibility

All filter media for air purification are different. They may outwardly appear completely alike, but they often have vast differences in their performance. No two filter media are the same. It is important that the filter medium provider states the medium's documented performance data, which the provider shall also guarantee.

Performance data

The minimum retention capacities of the CHS filter medium for the chemical compounds listed below are the following:

Hydrogen sulfide: 15% of the weight of the filter medium

Sulfur dioxide: 10% of the weight of the filter medium

Chlorine: 10% of the weight of the filter medium

For the data regarding other compounds, please contact Climecon.