

CKP 8



CKP 8 is designed for particularly demanding conditions to increase the maintenance intervals of filters. CKP 8 captures a wide range of gaseous contaminants.

The documented performance of **CKP 8** 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
- Will not support the growth of bacteria or other organic substances
- Can be reliably tested for remaining service life

Fields of use

This filter medium is designed particularly for an industrial environment where hydrogen sulfide and sulfur dioxide are often the most significant causes for air quality problems. The CKP 8 filter medium is also perfect for solutions that tackle air quality problems caused by traffic both in urban environments and along highways.

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|----------------------------|-------------------------------|-------------------------------|-----------|
| + Hospitals | + Offices | + Laboratories | + Museums |
| + Wood processing industry | + Wastewater pumping stations | + Wastewater treatment plants | |
| + Petrochemical industry | + Composting plants | + Other process industry | |

Structural properties

The filter medium has the following physical features:

- **Structural material: aluminum oxide**
- **Potassium permanganate content: 8% of the weight of the filter medium, minimum**
- **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 CKP 8 filter medium:

- Potassium permanganate 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 CKP 8 filter medium for the chemical compounds listed below are the following:

Hydrogen sulfide: 14% of the weight of the filter medium

Sulfur dioxide: 7% of the weight of the filter medium

Nitrogen oxides: 10% of the weight of the filter medium

For the data regarding other compounds, please contact Climecon.