

## CL CARB 8

Impregnated activated carbon



### Applications

CL CARB 8 is impregnated activated carbon for management of ammonia and alkaline gases. It provides a reliable and effective means to eliminate various alkaline gases from the air flow. Applications include printing houses, fertilizer production plants, petrochemical industry and hospitals.

### Material

CL CARB 8 is made of high-quality pelletised harcoalbased carbon. The unprocessed carbon is activated, and its large area promotes the adsorption of gaseous impurities. A unique carbon processing method is used to combine into the carbon acidic impregnating agents, which are usually capable of absorbing alkaline gases, particularly ammonia and amines. These alkaline gases form non-volatile compounds with the impregnating agent.

### Quality and environment

Operations are guided by the ISO 9001:2001 quality certificate and the ISO 14001 environmental certificate.

### Technical data

**size**

4.0 mm pellet

**raw material**

activated carbon

**area**

typically 1100 m<sup>2</sup>/g

**ctc capacity**

min 60 % w/w

**grain size 1**

min 95 % w/w < 4.75 mm

**grain size 2**

min 80 % w/w < 3.35 mm

**hardness**

min 90 % w/w

**bulk density**

min 0.60 g/cm<sup>3</sup>

**moisture content**

max 25 % w/w

**impregnation**

inorganic acid or metal oxide

**package size**

25 kg bag

**application**

filtering material for gases, particularly ammonia and amines