

# GranCarbon

## GRANULATED ACTIVATED CARBON

**GranCarbon** is a granular carbon manufactured from selected, high quality grades of carbon. It is specially designed for drinking water treatment, eliminating substances having an influence on its colour, taste and smell. Additionally, it is a perfect medium for wastewater and process water filtration, removing organic impurities to a trace level.

## Specification

	GranCarbon 900	GranCarbon 1000	GranCarbon CO 950	GranCarbon CO 1050
<b>Iodine number</b>	min. 900 mg/g	min. 1000 mg/g	min. 950 mg/g	min. 1050 mg/g
<b>Granulation*</b>	8x30 mesh (0,6 – 2,36 mm)	8x30 mesh (0,6 – 2,36 mm)	8x30 mesh (0,6 – 2,36 mm)	8x30 mesh (0,6 – 2,36 mm)
<b>Moisture content</b>	max. 5 %	max. 5 %	max. 5 %	max. 5 %
<b>Bulk density</b>	approx. 500 kg/m <sup>3</sup>	approx. 500 kg/m <sup>3</sup>	approx. 530 kg/m <sup>3</sup>	approx. 500 kg/m <sup>3</sup>
<b>Hardness</b>	min. 95 %	min. 95 %	min. 98 %	min. 98 %
<b>Ash content</b>	max. 15 %	max. 15 %	max. 4 %	max. 4 %

\* Other granulations on demand

## Storage

Activated carbon should be stored in sealed, unopened packages in dry place with temperature 5 – 80°C, away from sources of ignition and solvent vapours. Exposure to direct sunlight and moisture should be limited.

## Safety

Wet activated carbon adsorbs oxygen from the air, what causes danger while working inside containers with activated carbon in closed or poorly ventilated places.

Under certain conditions, during contact with oxidizing agents and some organic compounds such as ketones (e.g. acetone), acrylates, esters, volatile acids, amines etc. activated carbon may react exothermally. In case of rapid temperature increase cooling with water is recommended.



## Applications

- Water purification
- Wastewater treatment
- Pool water filtration
- Production solutions filtration

## Packaging

- 20 kg bags
- 500 kg big bags