

Sorbotech® LGCO 85

– Application –

Sorbotech® LGCO 85 is a granular activated carbon manufactured from selected, high quality grades of coconut shell charcoal. Its high developed internal area, microporous structure and superior mechanical hardness makes it as a perfect medium for drinking water filtration, eliminating undesirable colour, taste and smell. Additionally, it can be used in wastewater and process water filtration, removing organic impurities to a trace level.

– Specification –

| | |
|---------------------------|-----------------------|
| Iodine number | 850 mg/g |
| Surface area (BET method) | 900 m ² /g |
| Moisture content | 5 % |
| Grain size (8 x 30 mesh) | 0,6 – 2,36 mm |

Typical properties

| | |
|-------------|-----------------------|
| Ash content | 3 % |
| Hardness | 98 % |
| Density | 510 kg/m ³ |

– Storage –

- In sealed, unopened packages
- In dry place with temperature 5 - 80° C
- Away from sources of ignition and solvent vapours
- With limited exposure to direct sunlight and moisture

– Standard packaging –

- Small bag 20 kg
- Big Bag 500 kg

– Safety –

Wet activated carbon adsorbs oxygen from the air, what can cause danger while working inside containers with activated carbon and 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 exothermically. In case of rapid temperature increase cooling with water is recommended.