



TECHNICAL DATASHEET

WO30C

Coconut Shells Activated Carbon for water treatment

WO30C is a high-activity granular activated carbon manufactured through a steam activation process using high quality coconut shells. It is highly effective for removing unwanted contaminants such as organics, odors, colors, and tastes from drinking water, thus ensuring higher quality treatment and purification.

WO30C activated carbon offers numerous advantages for water treatment, including a large surface area, an abundance of micropores, and high resistance to friction, pressure, and high temperatures. It has high adsorption rates, cleanliness, and longevity. Primarily used for drinking water treatment, as well as domestic and industrial water treatment, and deep purification processes, WO30C effectively eliminates foul odors, chlorine, oil, heavy metals, COD (Chemical Oxygen Demand), and other contaminants.

WO30C complies with NSF/ANSI Standard 61 for drinking water treatment applications (NSF61).

SPECIFICATION AND TYPICAL PROPERTIES*

Base material	Coconut Shells
Particle size	Mesh 8*30 (0.6-2.6mm) up to 90%
Bulk density kg/m ³	500±50
Hardness % Min	97-98%
Ash Content % Max	3-5%
Moisture % Max	5%
Iodine value Min	1000 mg/g
pH	8-11

*Specifications and typical properties are listed for informational purposes only and not to be used as purchase specifications.

Typical Applications

- Drinking water purification
- Groundwater treatment
- Service water treatment for condensate and swimming pool water
- Municipal and industrial wastewater treatment
- Removal of dissolved organic impurities from water
- Removal of negative odor and taste
- Removal of color from liquids and water

Features and Benefits

- High adsorption ability for organics
- Large surface area
- Good pore volume
- Low dust content
- No chemical additives
- Excellent performance

Standard Packaging

- 20kg bag
- 25kg bag
- 500kg bulk bag
- 550kg bulk bag
- Other packing considered on request

Disposal

At the end of its useful life, all carbon media should be disposed of in a responsible manner and in accordance with all sites, local and statutory regulations relevant to the point of use.