ADLER CARBON Co.

Water Treatment Applictions

Data Sheet

CWH
Granular Activated Carbon

CWH is widely used in the purification of aquatic solutions to improve purity and desirability. Typical applications include the removal of dissolved organic impurities from water and wastewater and control the offensive odor and taste as well as the removal of color from all kind of liquid. You can rely on our high purity, specialized activated carbon to help make your water treatment system.

Description

CWH granular activated carbon in drinking water application, activated carbon is used in combination with other treatment processes to remove dissolved organics as well as chemical substances, like pesticides and insecticides, or pharmaceutical impurities, like sulfamethazol. Furthermore, activated carbon is suitable for removal of excess chlorine and ozone. In the process, the oxidant is catalytically reacted on the outer surface of activated carbon.
Our activated carbon meets the requirements of the Food Chemical Codex (FCC).

Typical Applications

- Protraction of RO membranes
- Water treatment units
- Condensate de-oiling
- Semiconductor process water
- Drinking water purification
- Waste water treatment
- Removal of substances affecting dour and taste
- DE chlorination

Features / Benefits

- High volume activity
- Extended operational life
- Optimized density
- Neutral surface

Applications

Some of the typical applications for CWH activated carbon include:

- Drinking water purification
- Groundwater treatment
- Municipal and industrial waste water treatment

Specification	CWH
Iodine number (mg/g)	min.1050
Moisture by weight (wt %)	<3%
Ash content (wt %)	<3%
PH value	7-9
Hardness	Min.98%
Apparent density (Kg/m^3)	<460
Base	Coconut shell

Available Standard size: 6×12, 8×16, 8×30, 10×20, 12×40
Normal packaging: 25 Kg bag, 500 Kg bulk bag

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