

# Coal Based Activated Carbon Pellets



## Introduction

Activated Carbon Pellets use good quality anthracite coal as the raw material, it is firstly crushed into powder, mixed with coal tar and water, and then pressed into the column type and processed by natural drying of 24h. With 600 degree carbonization and 950 degree activation to form the final product.

CTC is the main index to judge the quality of activated carbon pellets. With longer time in the furnace, CTC will be higher and the effect of purifying water and air will be better. To get the high quality product, activated carbon pellets is also screened to reduce impurity and floating dust and packed as the last process.

## Advantages

- 1. Good effect.** After the advanced treatment of municipal sewage with activated carbon, BOD can be reduced by 99%, and TOC can reach 1-3mg/L.
- 2. Wide application range.** High CTC activated carbon pellets can absorb most organic substances in waste water, including difficult to degrade microorganism.
- 3. Strong adaptability.** Activated carbon pellets can adapt different working condition to deal with different impurities.

## Application

1. Water and air treatment (City sewage, industry

- waste water, food factory sewage)
2. Household air filter and other types of air filter
3. Sewage waste gas treatment
4. Desulfurization and denitrification
5. Petroleum & gas purification
6. Chemical storage and exhaust purification
7. Automobile exhaust purification
8. Solvent recovery (Benzene gas toluene, xylene, recovery of acetone in the cellulose acetate industry, recovery of CS<sub>2</sub> in viscose staple fiber production, etc.)

Remark : To meet clients different requirement, we also provide washed activated carbon and impregnated activated carbon.

## Parameters

Item	Coal Activated Carbon Pellets		
Size	0.9mm, 2mm, 3mm, 4mm, 6mm, 8mm		
Iodine	800	900	1000
CTC	40	50	60
Moisture	3%-5%		
Ash	8%-12%		
Hardness	92%-93%		

Remark : 4mm pellet type activated carbon is the common mesh size, We can also customize according to the iodine value and specifications you need.

## Package

1. 25kg PP bag or kraft bag
2. 500kg jumbo bag
3. According to customer's requirements.

