

Coal Based Granular Activated Carbon



Introduction

Granular activated carbon is based on high grade anthracite coal, it is firstly crushed into small size, then transferred to the furnace for carbonization and activation. These two processes are simultaneous with the temperature of 900 degree. After 24h, it will be screened according to different clients' requirement and packed for sale.

Iodine is the main index for the granular activated carbon. During the production, our technicals will test and record for every batch of final product to ensure the quality. The higher the iodine is, the better adsorption will be. Besides, the different size will be very important for the usage. Such as, GAC 12*40 is for decolorization, and GAC 8*30 for water treatment.

We will provide clients with the best technical support for different solutions.

Advantages

- 1. Improving taste.** Granular activated carbon (GAC) can reduce chlorine and particulate matter as well as improve the taste and odor of the water..
- 2. High chroma removal rate.** Granular activated carbon can remove chromaticity effectively. Chroma removal rate can reach 70%, low chroma showed that removal efficiency of organic matter, iron, manganese effect is good.

Application

To meet clients different requirement, we also provide washed activated carbon and impregnated granular activated carbon, or 12*40 crushed granular carbon for some special requirement.

1. Solvent recovery
2. Petroleum & gas purification
3. Water purification (pure water, drinking water, city waste water and industry effluent treatment)
4. Swimming pool and aquarium water treatment
5. Water filter and industrial canister filter
6. Decolorization for sugar and caramel
7. Industry automobile exhaust purification
8. Catalyst in Metallurgical & Petroleum Refineries

Parameters

Item	Coal Granular Activated Carbon		
Size	8*30, 12*40, 20*40mesh or customized		
Iodine	800	900	1000
BET	900	1000	1100
Moisture	5% (max)		
Ash	5% (max)		
Hardness	95% (max)		

Package

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

