

Powdered Activated Carbon



Introduction

Powdered Activated Carbon (PAC) generally have a particle size distribution aging from 80-325mesh. The pulverized sawdust is mixed with phosphoric acid. And it will be transfered to rotary furnace for 24h 600 degree heating to reach carbonization and activation process.

Powdered activated carbon is mainly used for liquid-phase adsorption. With the large surface area and excellent pore volume, it can remove color bodies with minimal carbon dose.

Advantages

- 1. Good raw material.** Zhulin carbon use Chinese fir, which is low Low iron content and 98% strength.
- 2. Fast filtration and efficiency.** 1-3kg carbon powder can deal with 1 ton sugar liquid.
- 3. Low retention.**
- 4. Minimum dusting.**

Application

From residential and municipal water treatment to pharmaceutical product purification, and from food and beverage decolorization to energy storage, and much more — Zhulin Carbon delivers a wide array of custom-engineered powdered activated carbons to better meet your needs.

1. Chemical purification and catalysts
2. Food and beverage (starch, caremel, glucose, sugar, juice)
3. Pharmaceuticals and vegetable oils
4. Water Purification (potable water, wastewater, industrial process water)

Parameters

Item	Powdered Activated Carbon
Size	80, 150, 200, 300, 325mesh
Caramel decolorization capacity	110-130%
Cmethylene blue Adsorption value	>225
Iodine	1000g/mg
PH	2-3 or adjustable
Moisture	10%
Ash	6% (max)

Package

1. 20kg PP bag or kraft bag
2. According to customer's requirements

