

# Technical Data Sheet - YK 1000aw

## Acid Washed Coconut Shell Based Granular Activated Carbon

### DESCRIPTION

YICARB selects world's richest and highest quality coconut shell raw materials from Southeast Asian countries such as Indonesia, Malaysia, the Philippines, Thailand and Vietnam. The production process is roughly divided into raw material screening, carbonization, activation, particle size screening, and packaging. And as customer requires, we provide further manufacturing process like acid wash and wind wind selections.

### FEATURES

Our advanced acid washing process significantly enhances the quality of acid washed coconut shell activated carbon. By reducing internal ash content and surface floating ash, our acid washed activated carbon achieves a cleaner composition with lower metal content. This process also increases the effective ingredient content and adjusts the pH value from 9–11 to a more neutral 5-7/6-8/7-9, as required by customers, ensuring the product meets the stringent requirements of water treatment and other specialized applications.

### OUR STRENGTH

- Excellent product quality
- Stable manufacturing capability
- Strong technical support and good sales service
- Instant feedback of customer inquiry
- Strategic and long term cooperation with customers

### SAMPLES

Samples are available and free upon request.

### PROPERTIES

#### SPECIFICATIONS

Iodine Number	≥1000mg/g
Moisture Content	≤5%
Ash Content	≤1%
Hardness Index	≥98%

#### TYPICAL PROPERTIES

PH	5-7/6-8/7-9
Bet surface Area	≥1050m <sup>2</sup> /g
Bulk Density	≥520kg/m <sup>3</sup>
CTC activity	≥40%
Water Solubles	≤1%

#### PARTICLE SIZES

- 8×20 mesh ( 0.85 ~ 2.36 mm)
- 8×30 mesh( 0.6 ~ 2.36 mm)
- 12×30 mesh( 0.6 ~ 1.7 mm)
- 20×40 mesh( 0.43 ~ 0.85 mm)
- 30×60 mesh( 0.25 ~ 0.6 mm)
- Other customized particle size as per request

#### PACKAGING

Multiwall Bags	25kg
Bulk Bags	500kg
Other customized packaging as per request	