

Technical Data Sheet - YK 1050

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 selection.

FEATURES

Coconut shell activated carbon has high mechanical strength, developed pore structure, large specific surface area, fast adsorption rate, and good adsorption capacity for various solutes and free gases. The product is mainly used for purification, decolorization, dechlorination, and deodorization of drinking water, purified water, alcohol production, beverages, and industrial wastewater. It can also be used for mercaptan removal in the oil refining industry.

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	≥1050mg/g
Moisture Content	≤5%
Ash Content	≤5%
Hardness Index	≥98%

TYPICAL PROPERTIES

PH	8-11
Bet surface Area	≥1100m ² /g
Bulk Density	≥500kg/m ³
CTC activity	≥50%
Water Solubles	≤3%

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	