



# IndoCarb®

## BO-CAT

INDOCARB® BO-CAT is a high activity, catalytic grade of activated carbon manufactured by steam activated carbon from selected coconut shells. BO-CAT grade carbon is surface modified to enhance the carbon capability significantly for decomposing components like chloramine and hydrogen sulphide in a rapid pace. BO-CAT provides improved water quality results by removing chlorine, TCE, PCE, THM's, Phenols, detergents, pesticides, taste and odor. Besides the particle size and pore structure has been specifically designed to provide the best adsorption properties.

These are manufactured from the highest quality selected grades of coconut shell under stringent controls to have the ultimate hardness, surface area and attrition resistance. Manufactured in own ISO accredited facilities and meet the most stringent requirements concerning residential water treatment systems - POE (point of entry) & POU (point of use)

### Specification :

Iodine No.	1100 mg/g, min
Moisture content	4%, max
Total ash content	3%, max
Hardness	98%, min
Catalytic activity	20°C, min
Apparent density	0.52 g/ml, min
Particle sizes, mesh	12x40, 80x325, 50x200 etc.

BO-CAT grade treasures an array of exclusive characteristics,

- Catalytic grade
- Rapid dichlorination rate
- Higher retention
- Optimized density
- Maximum hardness
- Excellent micro porous structure
- Low ash contents and lesser impurities
- High hardness level and low dust level
- Higher surface area leading to longer life of the carbon and extended adsorption capacity

### Packaging options-

- 55 lbs , 27.5 lbs small bags
- 550 lbs, 1100 lbs super sacks
- 200 lbs Plastic drums
- Sachets and cardboard boxes

## APPLICATIONS

## Potable Water Treatment



Activated Carbon is mainly used for chlorine and organics removal in drinking water treatment applications. Removal of organics from chlorinated potable water is essential to prevent formation of trihalomethanes (THMs). Activated Carbon is used in point-of-entry (POE) and point-of-use(POU) filters to remove taste, odor and color in drinking water. Being microporous in internal structure, coconut shell carbon is well suited for organic chemical adsorption, including volatile organic chemicals while having higher chlorine reduction capabilities. Many organic compounds, such as chlorinated and non-chlorinated solvents, trihalomethanes, pesticides and VOC are adsorbed into the inner pores.

Indocarb WT grade products are used in point-of-use (POU) and point-of-entry (POE) drinking water filtration devices to improve the quality of drinking water by removing unwanted compounds such as arsenic, chlorine, chlorinated by-products such as THM's, chloramines, lead and volatile organic compounds (VOC's). Our products provide the optimal pore structure to allow contaminants the maximum exposure to adsorption sites in the carbon lattice.

Water filters, filter cartridges and carbon blocks are one of the most widely and effectively used water filtration technologies. IndoCarb utilizes state of the art manufacturing techniques and ultramodern equipment and testing facilities to produce a

range of carbon products with the ideal balance of both adsorption and pore structure, low ash and impurities, high mechanical strength and consistent particle size distribution. IndoCarb WT grade of carbon products comply with all regulations and NSF, Prop 65 certification standards.

We also offer a specialized range of products including silver impregnated carbon for bacteriostatic applications and catalytic carbons for chloramine, iron, and hydrogen sulfide removal.



## State of the Art Technology

In a crowded industry, a major differentiating factor in favor of IndoCarb is its philosophy towards embracing sophisticated technologies at every step. We are committed to continuous improvement and are constantly upgrading our processes and supporting skills to produce and supply a product of superior quality and reliability.

Part of our manufacturing facilities include nine rotary kilns with a combined capacity of 22000 MTs, well equipped post production facilities including de-dusting, grinding, screening, washing and impregnation capabilities. Our manufacturing units are fully supported by advanced laboratory facilities. All the equipment's are in accordance with ASTM Standards and are manned by a team of highly skilled and trained technicians.

# IndoCarb AC LLC

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