

# PURECARB

Activated carbon removes contaminants and impurities such as color and odour from sweeteners, food liquids, syrups, beverages, glycerin, amino and organic acids.

Food industries demand the most stringent levels of product purity that has to be maintained. PureCarb meets all the required standards.



PARAMETER	SPECIFICATION	TEST METHOD (ASTM)
Iodine Number	1000-1200 mg/g	D 4607
As Calc. CTC	50-60%	D 5742
Butane Activity	19.6-23.5%	D 5742
Hardness	>98%	D 3802
Dry Apparent Density	450-580 g/l	D 2854
Total Ash Content	<4%	D 2866

Sizes can be ordered from 100 microns to 2500 microns.

## PRODUCTS OF PURE CARB PU SERIES

- ☐ PureCarb PU - 8x30 mesh
- ☐ PureCarb PU - 10x20 mesh
- ☐ PureCarb PU - 10x30 mesh
- ☐ PureCarb PU - 12x20 mesh
- ☐ PureCarb PU - 12x30 mesh
- ☐ PureCarb PU - 20x40 mesh
- ☐ PureCarb PU - 12x40 mesh
- ☐ etc.

# WASHED CARBONS

These carbons are produced for the usage in ultra-pure water treatment systems requiring low conductivity and exceptionally high purity. Activated carbon is also specifically designed for the removal of heavy hydrocarbons from recovered condensate. The acid washing process removes soluble silica from the matrix of the activated carbon to prevent leaching into the condensate, which falls under drinking water and food grade application. They are also used in the paramedical and chemical industries.

These products are washed with acid during the manufacturing process resulting in very few acid soluble iron content. (Ultra-pure activated carbon)

Some of the end user applications of acid-washed carbon are de-chlorination of water, better taste, removal of bad odors, removal of color from water, removal of organic substances etc. Acid washed carbon has an extensive internal structure, neutral surface, maximum hardness, extended operational life, high volume activity and rapid pH stabilization.

We provide custom designed products for specific customer applications.



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Iodine Number	1000-1200 mg/g	D 4607
As Calc. CTC	50-60%	D 5742
Butane Activity	19.6-23.5%	D 5742
Hardness	>98%	D 3802
Dry Apparent Density	450 g/l	D 2854
Total Ash Content	<1%	D 2866
pH	5-7	D 3838

## PRODUCTS OF ACID WASHED AQUACARB AW SERIES

- ☐ AquaCarb AW - 8x30 mesh
- ☐ AquaCarb AW - 10x20 mesh
- ☐ AquaCarb AW - 10x30 mesh
- ☐ AquaCarb AW - 12x20 mesh
- ☐ AquaCarb AW - 12x30 mesh
- ☐ AquaCarb AW - 20x40 mesh
- ☐ AquaCarb AW - 12x40 mesh
- ☐ AquaCarb AW - 12x40 mesh
- ☐ etc.

# COCOTECH

MANUFACTURER OF COCONUT SHELL  
**ACTIVATED CARBON**



## Head Office

217/G, Sattur Road,  
Sivakasi,  
Virudhunagar,  
Tamilnadu-626189.  
Tele : +91 4562 - 251351  
Email : [info@vadelcotech.com](mailto:info@vadelcotech.com)  
Web : [www.vadelcotech.com](http://www.vadelcotech.com)

## Factory Address

498/1, 2, 3, ETC, Naranapuram Road,  
Bandhuvarpatti Village,  
Sattur,  
Virudhunagar district,  
Tamilnadu-626203.  
Email : [sales@vadelcotech.com](mailto:sales@vadelcotech.com)

Manufactured by

**VADIVEL**



# LIVE PURE WITH OUR PRODUCTS



## GOLDCARB

To recover gold and other precious metal through extraction process, our GoldCarb series activated carbon exceeds our customer's expectations.



## AQUACARB

Our granular activated carbons of AquaCarb series is used in various applications like purification of drinking water, recovery and re-circulation process and the treatment of waster liquid streams.



## ECOCARB

To protect humans and the environment from toxic gases and industrial waste gases, our EcoCarb series activated carbon plays a vital role in the gas phase treatments.



## PURECARB

PureCarb activated carbon is used in the food, beverages, edible oil, juices and in chemical industries to remove chemical impurities, odors and toxic substances. It improves taste and color and helps in removing major parts of impurities that are eliminated by this series.

# GOLDCARB

Every particle in the mining industries is very important. Our GoldCarb series is specially made with high absorption and low platelets with high abrasion resistance. Our activated carbons improve the kinetic (R&K) values of absorption and reduces tail loss in the circuit due to attrition. We produce this activated carbon with extra care. The best quality of coconut shell charcoal is taken for process which will resist in the activation process. Feed selection plays a vital role in elimination attrition losses in gold extraction process.

PARAMETER	SPECIFICATION	TEST METHOD (ASTM)
As Calc. CTC	45-58%	D 5742
Butane Activity	17.6-22.7%	D 5742
Hardness	>99%	D 3802
Dry Apparent Density	480-570g/l	D 2854
Total Ash Content	<4%	D 2866
Attrition	<2%	-
Particle Size (<12 mesh)	<2%	D 2862
Platelets Content	<7%	-

We provide custom designed products for specific customer applications.

## PRODUCTS OF GOLDCARB RE SERIES

- ☐ 6x12 MESH & 8x16 Mesh
- ☐ GoldCarb RE-45
- ☐ GoldCarb RE-50
- ☐ GoldCarb RE-55
- ☐ GoldCarb RE-58
- ☐ etc.

# AQUACARB

One of the greatest challenges is to supply high quality water. We are concerned about how the water taste and odor might vary and that affect humans as well as fauna's health. That is why we provide high quality of activated carbons for water purifications.

## MUNICIPAL WATER TREATMENT

When it comes to drinking water, chlorine is added to kill bacteria which makes its taste and smell bad. Activated Carbon is very effective in the removal of organic gases and residual chlorine.

## INDUSTRIAL WATER FILTRATION & TREATMENT

Industrial waste that is released into the water can carry a variety of pollutants that can adversely affect the ecology of receiving lakes and rivers. To meet legal requirements related to discharge of wastewater and to prevent the migration of contaminants and pollutants, activated carbon is used as a filter media and controls the contaminants from entering into our ecolgy and safe guards the public.

Activated carbon is one of the most effective media for the removal as a wide range of contaminants. We are committed to protecting humans, floras and faunas from those contaminants.

PARAMETER	SPECIFICATION	TEST METHOD (ASTM)
As Calc. CTC	45-58%	D 5742
Butane Activity	17.6-22.7%	D 5742
Hardness	>99%	D 3802
Dry Apparent Density	480-570g/l	D 2854
Total Ash Content	<4%	D 2866

## PRODUCTS OF AQUACARB FM SERIES

- ☐ AquaCarb FM - 8x30 mesh
- ☐ AquaCarb FM - 10x20 mesh
- ☐ AquaCarb FM - 10x30 mesh
- ☐ AquaCarb FM - 12x20 mesh
- ☐ AquaCarb FM - 12x30 mesh
- ☐ AquaCarb FM - 12x40 mesh
- ☐ AquaCarb FM - 20x30 mesh
- ☐ AquaCarb FM - 20x40 mesh
- ☐ etc

# ECOCARB

Air pollution is one of the most dangerous forms of pollution. It is a biological, chemical, and physical alteration of the air that occurs out of smoke, dust or any harmful gases entering into the atmosphere and makes it difficult for all the living beings to survive, as the air becomes contaminated. Burning of fossil fuels for agricultural activities, mining operations, exhaust from industries & factories and household cleaning products entail air pollution. People release a huge amount of chemical substances in the air every day and the effects it makes are alarming. It causes global warming, acid rains, respiratory & heart problems and eutrophication. A lot of wildlife species are forced to migrate from their habitat in order to survive.

## ACTIVATED CARBON FILTER

## CAR AIR FILTER

## CABIN AIR FILTER

## CARTRIDGE MASK FILTER

PARAMETER	SPECIFICATION	TEST METHOD (ASTM)
Iodine Number	1000-1250 mg/g	D 5742
As Calc. CTC	50-65%	D 5742
Butane Activity	19.6-25.5%	D 5742
Hardness	>98%	D 3802
Dry Apparent Density	430-570g/l	D 2854
Total Ash Content	<4%	D 2866

## PRODUCTS OF ECOCARB AF SERIES

- ☐ EcoCarb AF - 3x6 mesh
- ☐ EcoCarb AF - 3x10 mesh
- ☐ EcoCarb AF - 4x8 mesh
- ☐ EcoCarb AF - 12x30 mesh
- ☐ EcoCarb AF - 12x40 mesh
- ☐ EcoCarb AF - 18x40 mesh
- ☐ EcoCarb AF - 20x30 mesh
- ☐ EcoCarb AF - 20x40 mesh
- ☐ EcoCarb AF - 20x70 mesh
- ☐ Etc.