



“Coconut Shell Activated Carbon & Charcoal
It's for Purification”



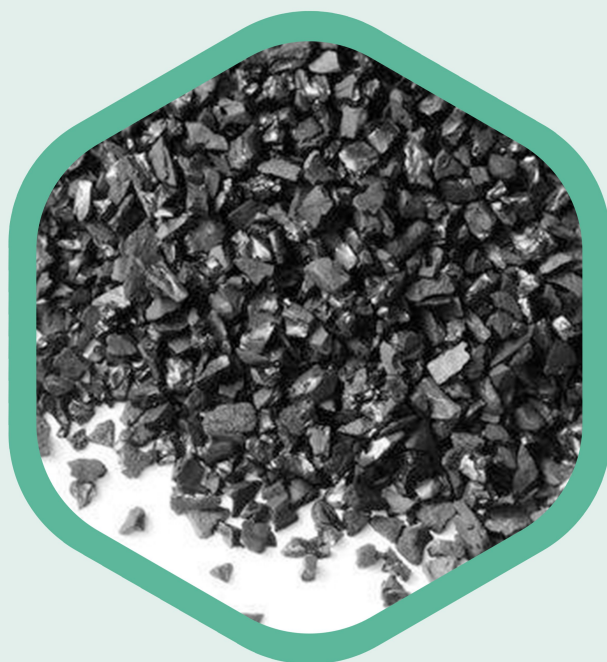
SHREE NARAYAN
GREENTEK

Overview

It has been an ardent endeavour to provide value based purification solution in the activated carbon industry with our superior quality products and services..

Activated Carbon strategically purifies and removes contaminants and pollutants from a variety of sources like water, air, gas, food and beverages, pharms products and precious metals.

Shree narayan Greentek began manufacturing an extensive range of sustainable products that are biologically safe and ecologically friendly for consumption. We offer a plethora of products and services just to serve all our customers. We employ cutting edge technology to deliver quality and purity to customers worldwide. We continuously strive to enhance the technology to keep abreast of the trends in the industry.



What Makes Indian Charcoal Special?

India ranks number one in the total coconut production in the world and South India shares 90% of them. The availability of coconut in abundance and the superior quality of the shells are some of the key factors which make Indian charcoal stand out in International arena.

Environmental Sustainability

We work to ensure that ethical and sound business practices are being observed at Shree Narayan Greentek and we thrive on each other to produce and deliver the best.

We commit ourselves to deliver quality products of utmost purity. In the process, we are also conscious of the impact our factory has on the environment emission and our carbon footprint on earth is our prime goal with regards to environment. Coconut shells that are used as raw materials are obtained from nature and emit no Greenhouse gases.

Product Overviews

Shree Narayan Greentek are manufacturers of Coconut shell based Activated Carbon, which is used significantly in varied applications. SNG customizes shell based Activated Carbon according to the customer's requirements and specification.



Water Purification

The need to solve the alarming rate of increase in water contaminants in potable and sewage water saw the emergence of Shell based Activated Carbon in granular and powdered form.

They help in the removal of Colour, taste and Odour (CTO) from portable and pro-cessed water. Simultaneously, we believe in developing technologies that mitigate the scarce water resources in the world and alleviate the carbon footprints of water.

COMMON MESH CARBONS FOR WATER PURIFICATION

Mesh Grade	8 x 30	12 x 30	Minus 200
Wash	Normal /Acid Wash	Normal /Acid Wash	Normal /Acid Wash
Type of Carbon	Granular	Granular	Powder
Iodine No (mg/ml)	800 – 1300	800 – 1300	800 – 1300
Surface (m2/gm)	1100 - 1250	1100 - 1250	1100 – 1250
CTC%	40 – 80 Min	40 – 80 Min	40 – 80 Min
Apparent Density (gm/cc)	0.43-0.54	0.43-0.54	--
Moisture (%) Max	5	5	8
Ash (%) Max	4	4	8
Hardness	98	98	N/A
pH	9-11	9-11	9-11

Air Purification

We live in a world of urbanization which has led to a life fraught with pollution. Shell Activated Carbon adsorbs organic (Volatile Organic Compounds) as well as certain inorganic molecules and odour from air in order to purify the environment around. This is carried out through vapour phase range of products from Shree Narayan Greentek.



COMMON MESH CARBONS FOR VAPOUR PHASE

Mesh Size	3 x 6	¼ x 6	4 x 8
Type of Carbon	Granular	Granular	Granular
Iodine No (mg/ml)	800 – 1300	800 – 1300	800 – 1300
Surface Area (m2/gm)	1100 - 1250	1100 - 1250	1100 – 1250
CTC%	40 – 80 Min	40 – 80 Min	40 – 80 Min
Apparent Density (gm/cc)	0.43-0.54	0.43-0.54	0.43-0.54
Moisture (%) Max	5	5	8
Ash (%) Max	4	4	8
Hardness	98	98	98
pH	9-11	9-11	9-11





Cigarette Filters

Smoke from tobacco is a constant peril. It is believed that five million people lose their lives every year due to cigarette related illness. Carbonless filters do not eliminate the toxins expelled from cigarettes. Shree Narayan Greentek has effectively been able to remove the complex chemicals from cigarette smoke through their Coconut Shell based Activated Carbon.

COMMON MESH GRADES CARBON FOR SCISSORS FILTER

Mesh Grade	12 x 20	30 x 60	36 x 70
Type of Carbon	Granular	Granular	Granular
Iodine No (mg/ml)	1050-1200	1050-1200	1050-1200
CTC%	45 min, 50 min, and 60 min	45 min, 50 min, and 60 min	45 min, 50 min, and 60 min
Apparent Density (gm/cc)	0.43-0.54	0.43-0.54	0.43-0.54
Moisture (%) Max	5	5	5
Ash (%) Max	4	4	4
Hardness	98	98	98
pH	9-11	9-11	9-11



Gold Purification

Our Gold Carbons offer the highest gold adsorption and desorption capacities to effectively provide minimal loss while maximizing the yield. They are one of the best offered in the industry, which suits all processes, such as Carbon in Leach, Carbon in Pulp and Carbon in Column.

COMMON MESH GRADE CARBONS FOR GOLD RECOVERY

Grade	6x12A	6x12B	6x12C	8x16A	8x16B	8x16C
Particle Size	6x12	6x12	6x12	8x16	8x16	8x16
CTC Activity (%)	50	55	62	50	55	60
K Value	24	26	32	24	30	30
R Value	47	50	58	47	50	55
Hardness No	99.2	99	99	99.2	99	99
Apparent Density						
(gm/cc)	0.53	0.5	0.47	0.53	0.5	0.49
Moisture (%)	4	4	4	4	4	4
Ash (%)	2	2	2	2	2	2
pH	9-11	9-11	9-11	9-11	9-11	9-11



Petro Chemical

Oil and Natural gas come with a lot of discoloration and contaminants. These can be refined using Activated Carbon. They decolor, deodorize, desulfurize and extract impurities and poisonous substances from oil and gas. Additionally, they are used as a catalyst in the synthetic industry.

Food & Beverage

Activated Carbon is used to decaffeinate, remove odor and color. It acts as a good preservative and can be safely handled without compromising on the quality and efficiency of the food. Activated carbon helps in enhancing the flavors of certain foods in its powdered and granulated forms.



Customized Carbons

There is no one size that fits all. Our products are customized according to customer specifications and requirements, which vary from surface modification to ash and moisture reduction to abrasion enhancement. We also manufacture impregnation carbon such as Silver, Potassium Nitrate and Catalytic.



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