

GK ENTERPRISES

A-101, Om shree Kings Court, Ashoka Ratan Road, Shankar Nagar, Raipur (C.G.)

Ph No./Mobile No: 0771-4070777 / 9301687000, 7415627055, E-mail: gkenterprises0771@gmail.com, Web: www.gkcarbon.com

GSTIN: 22ATRPA4576D1ZU, PAN NO : ATRPA4576D



➤ **COMPANY PROFILE:-**

company established by team of Technocrats & Professionals, principally for undertaking manufacturing & marketing of Activated Carbon of different types & grades. The company Manufacture assures quality products has great appreciation among reputed multinationals companies.

➤ **ACTIVATED CARBON & ANTHRACITE:-**

Activated carbon/Anthracite is a porous form of carbon manufactured from Coconut Shell, Wood or Coal. Activation is achieved with steam and it develops myriad of pores with enormous internal surface area. The porosity is a remarkable power of ADSORPTION, an indispensable process in industrial separation, purification, decolonization and recovery techniques. The carbon exerts an attraction (van der Waals force) on the molecules of surrounding liquid and fixes on to its pore walls. This is the basis of mechanism whereby Activated Carbon / Anthracite may be used to remove one or more components from a mixture.

➤ **GRANULES:-**

In GASPHASE adsorption, Granular Carbon is almost always used because the pressure drop in the carbon bed is of prime importance and Only Granular Carbon will allow sufficient flow with an acceptable pressure drop. In LIQUID PHASE applications, both Granular and powdered carbon can be used. Due to SUPERIOR ADSORPTION, HIGH DENSITY, LOW ATTRITION LOSS, High use of granules has resulted in increased service life greater filter efficiency, fewer regeneration cycles and economy on hardware costs.

Activated Carbon Granules / Anthracite made from coconut shell Charcoal is used when a single product or grade is being continuously treated in large quantities. Normally granular carbon / Anthracite can be regenerated which involves washing or burning off impurities and restoring the pore structure.

➤ **APPLICATION OF GRANULAR ACTIVATED CARBON / ANTHRACITE:-**

Water treatment: Dechlorination, oil removal from condensate, swimming pools, oil removal from compressed gases, waste water.

Mercury Recovery: (Liquid & Gases) Gas purification, Gas masks, Catalyst carrier wine purification, Effluent treatment, Removal of process impurities, Gold Recovery, thin layer application.

➤ **SPECIFICATION OF ACTIVATED CARBON:-**

IODINE NO, MG/GM. MIN	500	700	800	900	1000
ASH MAX%	4.1%	4.1%	3.5%	3.5%	3.0%
MOISTURE MAX%	5.2%	4%	3.5%	3.5%	3%
APPARENT DENSITY	0.65	0.65	0.50	0.46	0.40
PH	7.5	7.5	7.5	7.5	7.5
HARDNESS MIN%	98%	95%	95%	95%	95%

SIZE: - Any Standard sieve size to suit customer's requirement.

ANTHRACITE: - Any standard sieve size to suit also we are manufactured.

Crushed Coconut Carbon : Available As per Party Specificatio

We are waiting for your valuable order & assuring you our best attention at all times.

Thanking you,

Yours truly,

