

Coconut Shell Charcoal Granular Activated Carbon:

Technical Specification of Granular Activated Carbon

Raw Material	Coconut shell charcoal	Coconut shell charcoal	Coconut shell charcoal
Appearance	Black granules	Black granules	Black granules
Particle Size	Any sieve size 4 x 8, 8 x 16, 8 x 30 8 x 50, etc	Any sieve size 4 x 8, 8 x 16, 8 x 30 8 x 50, etc	Any sieve size 4 x 8, 8 x 16, 8 x 30 8 x 50, etc
Bulk Density	0.55±0.05 gm/cc	0.55±0.05 gm/cc	0.55±0.05 gm/cc
Carbon Tetra Chloride Adsorption	30%	45%	60%
Iodine Adsorption mg/gm	500mg/gm±25	750mg/gm±25	1000mg/gm±50
Total Surface Area (min)	500 m2/gm	750 m2/gm	1000 m2/gm
Ball Pan Hardness No.	97%	95%	93%
pH	9 to 10	9 to 10	9 to 10
Ash Content	5% Max	5% Max	5% Max
Moisture	5% Max	5% Max	5% Max
Quantity possible to supply in MT	100 / month	100 / month	100/ month

Packing

It is used in effluent treatment plant to reduce BOD / COD/ color from industrial waste water.

It removes chlorine and organic impurities from drinking water in the last stage filtration in our common house hold filters.

It is used as adsorbent of poisonous gases in gas masks for industrial as well as defense purposes.

To adsorb moisture from compressed air in paint shops.

To de-chlorination of waters in swimming pool and soft drink plant.

To remove oil from hot condensate.

Top quality granular activated carbons are used in the process of gold recovery in which the molten ore is passed over a bed of activated carbon where the gold is adsorbed on the carbon and recovered.

Used to manufacture catalyst.

Removal of dissolved organic impurities.

Breweries and distilleries.

Catalyst carrier in petroleum refineries.