

Granular Activated Carbon

Doshion's DCN Granular Activated Carbon is a premium range of Activated Carbon which are manufactured from coconut shell charcoal. The pore structure is carefully controlled to facilitate the adsorption of low molecular weight organics

DCN series are intended for use in de-chlorination of water, reducing impurities (COD removal) and as pre-treatment for RO and Ion-Exchange Systems. **DCN** is also extensively used in waste water treatment applications. **DCN 500** is mainly used for applications of water and waste water treatment polishing after secondary or tertiary treatments.

Characteristics of Doshion DCN 500:

- Very high surface area characterized by a large proportion of micropores.
- High Hardness with low dust generation
- Excellent purity, exhibiting less than 3-5% ash content.
- Renewable and green raw material.
- Available Grades: Regular, Water Washed and Acid Washed

Properties	
Grades	DCN 500
Appearance	Black odourless
Manufacturing base	Coconut shell
Type of carbon	Granular
Moisture % max	5
Hardness min	95
pH	8 to 11
Iodine Adsorption (mg/gm) (min)	500
Bulk Density gm/cc	0.55 ± 0.1
Ash % max	5
Surface Area (mVgm) (min)	600
Solubility	Insoluble in water and organic solvents



DCN Selection Chart

Application	Grade Suggested
Water treatment in Beverages Industry and drinking water applications like Mineral water plants, Breweries, Fruit Juice manufacturing, Municipal drinking water, etc.	DCN 900 - 8 x 30
Water treatment in refinery, Petro-chemical industry, Chemical Industry, Pharmaceuticals, etc.	DCN 900 - 6 x 16 or DCN 900 - 8 x 30 or DCN 1000 - 8 x 30
Effluent Treatment Plants in refinery/ industrial effluents	DCN 800 - 8 x 30
Municipal Effluents	DCN 1000 - 6 x 16
Odour Control	DCN 1000 - 4 x 8
Air Conditioning Plants to arrest odour	DCN 1000 - 4 x 8
Gold Mining	DCN 900 - 6 x 12 or DCN 900 - 8 x 16
Compressed Air Purification	DCN 900 - 4 x 8
Polishing of tertiary or secondary treated water	DCN 500 - 6 x 16 or DCN 500 - 8 x 30 or DCN 600 - 6 x 16 or DCN 600 - 8 x 30

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Translating Source Into Resource

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