

# Purification Made Perfect

For Better Tomorrow



## INDCARB Activated Carbon Pvt. Ltd.

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INDCARB





**Drinking Water Treatment:** Coconut shell based steam activated Carbon is mainly used for chlorine and organics removal from drinking water. Remove odor and color from drinking water. Being microporous in internal structure, coconut shell activated carbon is well suited for organic chemical adsorption, including volatile organic chemicals.

| IC         | WT E816 | WT E830 | WT E123 | WT E123W |
|------------|---------|---------|---------|----------|
| Mesh Size  | 8x16    | 8x30    | 12x30   | 12x30    |
| Iodine No. | 1150    | 1150    | 1150    | 1150     |
| Moisture % | 4%      | 4%      | 4%      | 4%       |
| Ash %      | 2%      | 2%      | 2%      | 1%       |



**Process & Waste Water treatment:** Activated carbon is the right choice for any kind of purification processes like treatment of waste water, effluent or contaminated water. Due to the high internal surface area and adsorption capacities, carbon is used for removing dissolved, non-biodegradable organics using fixed filter beds.

| IC         | WT D816 | WT D830 | WT D123 | WT D124 |
|------------|---------|---------|---------|---------|
| Mesh Size  | 8x16    | 8x30    | 12x30   | 12x40   |
| Iodine No. | 1100    | 1100    | 1100    | 1100    |
| Moisture % | 4%      | 4%      | 4%      | 4%      |
| Ash %      | 2%      | 2%      | 2%      | 2%      |



**Oil and Gas Recovery:** Activated Carbon is used for the recovery of economically valuable products like gasoline vapour, benzene and solvents at petroleum refineries. Activated Carbon is the best adsorbent for removal of hydrogen sulphide.

| IC         | VPE48 | VPE816 | VPE122 | VPH122 |
|------------|-------|--------|--------|--------|
| Mesh Size  | 4x8   | 8x16   | 12x20  | 12x20  |
| Iodine No. | 1150  | 1150   | 1150   | 1300   |
| Moisture % | 4%    | 4%     | 4%     | 4%     |
| Ash %      | 2%    | 2%     | 2%     | 3%     |



**Gas Masks / Filter Cartridges** Gas and smoke contains compounds identified as irritants and possibly toxic chemicals for humans. To reduce the intake of toxic gas and smoke, filters made up of cellulose acetate is used worldwide and filter cartridges with activated carbon are used for reduction of many vapour phase gas & smoke toxicants

| IC         | VP E306 | WT E602 | WT E803 | WT EP200  |
|------------|---------|---------|---------|-----------|
| Mesh Size  | 30x60   | 60x200  | 80x325  | Minus 200 |
| Iodine No. | 1150    | 1150    | 1150    | 1150      |
| Moisture % | 5%      | 5%      | 5%      | 8%        |
| Ash %      | 2%      | 3%      | 3%      | 5%        |



**Food, Beverages and Edible Oil:** Activated carbon is used widely in the production of food and beverages products. Apart from decolorization, activated carbon is used for removing dissolved organic compounds, control odor, taste in food and beverages. Also used in edible oil refining.

| IC         | LP E816 | LP E830 | WT E100   | WT EP200  |
|------------|---------|---------|-----------|-----------|
| Mesh Size  | 8x16    | 8x30    | Minus 100 | Minus 200 |
| Iodine No. | 1150    | 1150    | 1150      | 1150      |
| Moisture % | 4%      | 4%      | 8%        | 8%        |
| Ash %      | 2%      | 2%      | 5%        | 5%        |

