



## CCC PAC - NH<sub>3</sub> REMOVAL

Pelletized activated carbon media for NH removal

### Standard Product Specifications

**CCC PAC - NH<sub>3</sub> REMOVAL** is an impregnated pelletized activated carbon designed for removal of basic gases such as Ammonia (NH<sub>3</sub>). In addition, the product retains an appreciable capacity for VOCs and other organic contaminants.

**CCC PAC - NH<sub>3</sub> REMOVAL** carbon neutralize the caustic nature of ammonia (NH<sub>3</sub>), using simple acid/base chemistry and store the final reaction product in the pore structure of the activated carbon. Its base material is manufactured by steam activation at high temperature on coconut shell charcoal.

#### Specifications:

CTC Adsorption (%)	50 min
Iodine Number (mg/g)	1000 min
Apparent Density (Kg/m <sup>3</sup> )	520±30
Ball Pan Hardness (No.)	95 min
Crushing Strength (Kg)	4 min

#### Typical Applications

- Gas treatment
- Removal of ammonia

#### Features and Benefits

- Pelletized activated carbon
- Neutralize the caustic nature of ammonia
- Excellent resistance to mechanical and thermal stress
- Low fines and dust generation
- Longer operation range
- Lower pressure drop

#### Available Particle Sizes

- 4mm
- 3mm
- 2mm

#### Standard Packaging

- 25 kg PP bags (55 lbs)
- 500 kg jumbo bags (1100 lbs)
- Other packing can be possible on request

