



CCC PAC -IMPREGNATED ALKALI

Pelletized activated carbon filter media for CO Removal

Standard Product Specifications

CCC PAC -IMPREGNATED ALKALI is an alkali impregnated adsorbent, it has been an attractive choice for space flight filters due to its high capacity for carbon dioxide capture (CO₂) and fast kinetics. The process is exothermic reaction of alkali metal with Carbon monoxide (CO) to form solid compound and water (H₂O) Rebreather-type personal protective equipment requires efficient removal of CO₂ from the air that the user exhales. The required operating conditions of low CO₂ partial pressure, low temperature, and water saturation create a challenging environment for developing high capacity CO₂ adsorbents.

Typical Applications

- ☐ CO₂ gas removal

Features and Benefits

- ☐ Large adsorption capacity and fast kinetics.
- ☐ Longer operation range

Available Particle Sizes

- ☐ The size of the product can be as per the customer specification

Standard Packaging

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