

AC Carb GAC

LEAN AMINE TREATMENT ACTIVATED CARBON

Why Carbon for Gas Treater Liquids

Several processes are known for the removal of acidic gases such as H₂S and CO₂ from neutral industrial gases, most of which are based on adsorption of the acidic gases by alkaline liquids.

Basically two important groups of chemical absorbents can be distinguished:

- Organic – alkanolamines such as mono- ethanolamine (MEA), di- ethanolamine (DEA) and di-iso-propanolamine (DIPA).
- Inorganic potassium carbonate (K₂CO₃) solutions.

A related process is the dehydration of process gases in which glycol is used as an absorbent.

During repeated re circulation of the adsorbent, organic impurities accumulate in the absorbent. The organic impurities are usually degradation products having a corrosive nature. Generally the absorbent becomes corrosive to an extent, which is proportional to its age, and in addition becomes less effective for adsorption of acid gases. Further, accumulation of higher hydrocarbons may give foaming problems in time.

In many systems, the gas treater liquid is purified with granular activated carbon (GAC) to remove the organic impurities to such an extent that the absorption system runs well.



Recommended Active Char Products Pvt. Ltd. Granular Carbon Grades

AC Carb 830 CS/ AC Carb CB

AC Carb product range has high abrasion resistance.

It is a multipurpose carbon suitable for all types of absorption process systems.

Packaging

55lb./110lb. (25/50 kg) poly bag

1,100 lb.(500/550 kg) Bulk bag



For more information on the product, please contact our application specialists at the below mentioned address

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